

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062724\
 Data File : BP020662.D
 Acq On : 27 Jun 2024 15:08
 Operator : MA/JU
 Sample : P2909-06MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4B84MS

Quant Time: Jun 27 16:09:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 25 18:30:06 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/28/2024
 Supervised By :mohammad ahmed 06/29/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	194424	20.000	ng/u1	0.00
20) Naphthalene-d8	10.516	136	814221	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.381	164	548695	20.000	ng/u1	0.01
64) Phenanthrene-d10	17.198	188	1184536	20.000	ng/u1	0.01
79) Chrysene-d12	21.657	240	865066	20.000	ng/u1	0.02
88) Perylene-d12	25.033	264	862000	20.000	ng/u1	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	19475	4.301	ng/uL	0.00
4) Pyridine-d5	3.687	84	154029	11.673	ng/u1	0.00
7) Phenol-d5	6.928	99	453240	28.423	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.087	67	268613	26.571	ng/u1	0.00
11) 2-Chlorophenol-d4	7.287	132	374827	28.761	ng/u1	0.00
15) 4-Methylphenol-d8	8.446	113	358879	27.710	ng/u1	0.00
21) Nitrobenzene-d5	8.893	128	182046	30.284	ng/u1	0.00
24) 2-Nitrophenol-d4	9.605	143	208938	34.732	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.140	165	401844	32.429	ng/u1	0.00
31) 4-Chloroaniline-d4	10.652	131	380552	21.914	ng/u1	0.00
46) Dimethylphthalate-d6	13.787	166	1252935	32.842	ng/u1	0.00
49) Acenaphthylene-d8	14.069	160	1361338	29.905	ng/u1	0.00
54) 4-Nitrophenol-d4	14.604	143	215658	36.998	ng/u1	0.01
60) Fluorene-d10	15.393	176	1045438	32.565	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.522	200	216813	36.321	ng/u1	0.02
73) Anthracene-d10	17.292	188	1677513	31.555	ng/u1	0.01
81) Pyrene-d10	19.686	212	1662394	31.988	ng/u1	0.02
92) Benzo(a)pyrene-d12	24.792	264	867682	20.693	ng/u1	0.03
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	59548	11.753	ng/uL	98
5) Pyridine	3.705	79	160765	11.762	ng/u1	99
6) Benzaldehyde	6.905	77	217055	26.916	ng/u1	98
8) Phenol	6.952	94	648587	39.884	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.181	93	492830	36.606	ng/u1	97
12) 2-Chlorophenol	7.317	128	518067	39.543	ng/u1	99
13) 2-Methylphenol	8.187	108	460984	36.948	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.258	45	704719	34.444	ng/u1	98
16) Acetophenone	8.564	105	809970	39.161	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.546	70	404303	36.776	ng/u1	99
18) 4-Methylphenol	8.511	108	529475	40.092	ng/u1	99
19) Hexachloroethane	8.805	117	159388	28.025	ng/u1	94
22) Nitrobenzene	8.934	77	599478	38.468	ng/u1	99
23) Isophorone	9.458	82	1158469	37.519	ng/u1	98
25) 2-Nitrophenol	9.634	139	303328	46.690	ng/u1	95
26) 2,4-Dimethylphenol	9.693	107	283990	18.769	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.928	93	686893	37.395	ng/u1	98
29) 2,4-Dichlorophenol	10.163	162	532323	43.401	ng/u1	99
30) Naphthalene	10.563	128	1676083	38.460	ng/u1	99
32) 4-Chloroaniline	10.675	127	441612	26.413	ng/u1	99
33) Hexachlorobutadiene	10.840	225	363025	39.590	ng/u1	98
34) Caprolactam	11.475	113	158294m	42.410	ng/u1	
35) 4-Chloro-3-methylphenol	11.799	107	592202	43.731	ng/u1	96
36) 2-Methylnaphthalene	12.169	142	1190597	40.784	ng/u1	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062724\
 Data File : BP020662.D
 Acq On : 27 Jun 2024 15:08
 Operator : MA/JU
 Sample : P2909-06MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4B84MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/28/2024
 Supervised By :mohammad ahmed 06/29/2024

Quant Time: Jun 27 16:09:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 25 18:30:06 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.399	142	1240177	41.556	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.534	216	674630	38.456	ng/ul	100
40) Hexachlorocyclopentadiene	12.510	237	219246	20.079	ng/ul	98
41) 2,4,6-Trichlorophenol	12.787	196	455124	43.489	ng/ul	98
42) 2,4,5-Trichlorophenol	12.863	196	505412	46.565	ng/ul	98
43) 1,1'-Biphenyl	13.193	154	1598707	38.959	ng/ul	98
44) 2-Chloronaphthalene	13.234	162	1253759	38.792	ng/ul	100
45) 2-Nitroaniline	13.451	65	412585	50.682	ng/ul	93
47) Dimethylphthalate	13.840	163	1651420	42.495	ng/ul	99
48) 2,6-Dinitrotoluene	13.957	165	348561	50.300	ng/ul	96
50) Acenaphthylene	14.099	152	1978044	38.467	ng/ul	100
51) 3-Nitroaniline	14.293	138	335759	52.132	ng/ul	95
52) Acenaphthene	14.440	153	1403632	41.149	ng/ul	99
53) 2,4-Dinitrophenol	14.510	184	199062	55.380	ng/ul	98
55) 4-Nitrophenol	14.622	109	273791	52.488	ng/ul	97
56) Dibenzofuran	14.781	168	1981132	43.101	ng/ul	99
57) 2,4-Dinitrotoluene	14.757	165	535959	56.032	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	15.016	232	447136	49.878	ng/ul	98
59) Diethylphthalate	15.228	149	1746444	45.560	ng/ul	98
61) Fluorene	15.451	166	1663426	45.042	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.440	204	814062	42.241	ng/ul	99
63) 4-Nitroaniline	15.481	138	371371	60.757	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.534	198	319192	49.917	ng/ul#	95
67) N-Nitrosodiphenylamine	15.669	169	1398356	40.030	ng/ul	98
68) 4-Bromophenyl-phenylether	16.363	248	548627	41.523	ng/ul	98
69) Hexachlorobenzene	16.475	284	484762	32.775	ng/ul	93
70) Atrazine	16.651	200	423557	34.393	ng/ul	97
71) Pentachlorophenol	16.834	266	345002	40.516	ng/ul	99
72) Phenanthrene	17.240	178	4205558	67.800	ng/ul	100
74) Anthracene	17.328	178	2897088	45.406	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.157	216	692578	36.019	ng/uL	99
76) Pentachlorobenzene	14.698	250	591069	32.253	ng/uL	99
77) Carbazole	17.622	167	2260794	42.934	ng/ul	99
78) Di-n-butylphthalate	18.210	149	3253248	47.567	ng/ul	100
80) Fluoranthene	19.339	202	5354799	84.352	ng/ul	97
82) Pyrene	19.710	202	3998717	61.420	ng/ul	99
83) Butylbenzylphthalate	20.669	149	1408203	58.251	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.575	252	685181	35.824	ng/ul	98
85) Benzo(a)anthracene	21.633	228	3069412	50.622	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.592	149	25594457m	681.884	ng/ul	
87) Chrysene	21.704	228	3285450	57.325	ng/ul	99
89) Di-n-octyl phthalate	22.863	149	3137435	56.696	ng/ul	100
90) Benzo(b)fluoranthene	23.969	252	3066873	58.729	ng/ul	100
91) Benzo(k)fluoranthene	24.039	252	2686162	50.851	ng/ul	98
93) Benzo(a)pyrene	24.869	252	1285488	26.077	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.857	276	2190341m	34.641	ng/ul	
95) Dibenzo(a,h)anthracene	28.933	278	2241833	43.139	ng/ul	99
96) Benzo(g,h,i)perylene	30.033	276	221926m	4.299	ng/ul	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

