

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062724\
 Data File : BP020692.D
 Acq On : 28 Jun 2024 14:05
 Operator : MA/JU
 Sample : P2934-06MS
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4B72MS

Manual Integrations
 APPROVED

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

Quant Time: Jun 28 15:05:19 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)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	199310	20.000	ng/u1	0.00
20) Naphthalene-d8	10.510	136	827504	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.375	164	560040	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.187	188	1197896	20.000	ng/u1	0.00
79) Chrysene-d12	21.645	240	797855	20.000	ng/u1	0.00
88) Perylene-d12	25.010	264	854029	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	15200	3.275	ng/uL	0.00
4) Pyridine-d5	3.687	84	39573	2.925	ng/u1	0.00
7) Phenol-d5	6.928	99	373767	22.864	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.093	67	214379	20.686	ng/u1	0.00
11) 2-Chlorophenol-d4	7.287	132	306732	22.959	ng/u1	0.00
15) 4-Methylphenol-d8	8.458	113	300112	22.604	ng/u1	0.01
21) Nitrobenzene-d5	8.893	128	153459	25.118	ng/u1	0.00
24) 2-Nitrophenol-d4	9.605	143	172186	28.163	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.140	165	347230	27.572	ng/u1	0.00
31) 4-Chloroaniline-d4	10.657	131	215831	12.229	ng/u1	0.00
46) Dimethylphthalate-d6	13.787	166	1042109	26.763	ng/u1	0.00
49) Acenaphthylene-d8	14.063	160	1142488	24.589	ng/u1	0.00
54) 4-Nitrophenol-d4	14.604	143	170386	28.639	ng/u1	0.01
60) Fluorene-d10	15.393	176	885591	27.027	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.516	200	156173	25.870	ng/u1	0.01
73) Anthracene-d10	17.292	188	1349896	25.109	ng/u1	0.01
81) Pyrene-d10	19.663	212	1301189	27.147	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.786	264	753918	18.148	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	57582	11.086	ng/uL	99
5) Pyridine	3.705	79	98951	7.062	ng/u1	98
6) Benzaldehyde	6.905	77	214566	25.955	ng/u1	95
8) Phenol	6.958	94	634229	38.045	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.181	93	462766	33.530	ng/u1	97
12) 2-Chlorophenol	7.322	128	496945	37.001	ng/u1	98
13) 2-Methylphenol	8.181	108	453947	35.492	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.258	45	680046	32.423	ng/u1	98
16) Acetophenone	8.563	105	840835	39.657	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.552	70	388804	34.499	ng/u1	99
18) 4-Methylphenol	8.516	108	511842	37.806	ng/u1	100
19) Hexachloroethane	8.810	117	162825	27.927	ng/u1	94
22) Nitrobenzene	8.934	77	559725	35.341	ng/u1	99
23) Isophorone	9.463	82	1148442	36.597	ng/u1	98
25) 2-Nitrophenol	9.634	139	294373	44.585	ng/u1	95
26) 2,4-Dimethylphenol	9.699	107	298424	19.406	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.934	93	675568	36.188	ng/u1	99
29) 2,4-Dichlorophenol	10.169	162	538870	43.230	ng/u1	99
30) Naphthalene	10.563	128	1656440	37.399	ng/u1	99
32) 4-Chloroaniline	10.681	127	355017	20.893	ng/u1	97
33) Hexachlorobutadiene	10.828	225	353846	37.970	ng/u1	99
34) Caprolactam	11.475	113	154056m	40.612	ng/u1	
35) 4-Chloro-3-methylphenol	11.804	107	588888	42.788	ng/u1	96
36) 2-Methylnaphthalene	12.169	142	1184812	39.934	ng/u1	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062724\
 Data File : BP020692.D
 Acq On : 28 Jun 2024 14:05
 Operator : MA/JU
 Sample : P2934-06MS
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4B72MS

Manual Integrations
 APPROVED

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

Quant Time: Jun 28 15:05:19 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	12.404	142	1212461	39.975	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.534	216	686722	38.353	ng/ul	99
40) Hexachlorocyclopentadiene	12.510	237	203228	18.235	ng/ul	98
41) 2,4,6-Trichlorophenol	12.793	196	466335	43.658	ng/ul	99
42) 2,4,5-Trichlorophenol	12.869	196	514023	46.399	ng/ul	97
43) 1,1'-Biphenyl	13.193	154	1557661	37.190	ng/ul	99
44) 2-Chloronaphthalene	13.240	162	1235380	37.449	ng/ul	99
45) 2-Nitroaniline	13.451	65	395484	47.597	ng/ul	94
47) Dimethylphthalate	13.834	163	1609848	40.586	ng/ul	99
48) 2,6-Dinitrotoluene	13.957	165	342903	48.482	ng/ul	96
50) Acenaphthylene	14.093	152	2022883	38.542	ng/ul	100
51) 3-Nitroaniline	14.293	138	283446	43.118	ng/ul	95
52) Acenaphthene	14.440	153	1347342	38.699	ng/ul	99
53) 2,4-Dinitrophenol	14.504	184	161010	43.887	ng/ul	98
55) 4-Nitrophenol	14.622	109	260369	48.903	ng/ul	96
56) Dibenzofuran	14.787	168	1914456	40.807	ng/ul	100
57) 2,4-Dinitrotoluene	14.751	165	510394	52.278	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.022	232	442523	48.364	ng/ul#	91
59) Diethylphthalate	15.216	149	1679663	42.930	ng/ul	100
61) Fluorene	15.445	166	1546886	41.038	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.434	204	793846	40.358	ng/ul	99
63) 4-Nitroaniline	15.481	138	328905	52.719	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.534	198	269715	41.709	ng/ul#	90
67) N-Nitrosodiphenylamine	15.657	169	1351162	38.248	ng/ul	99
68) 4-Bromophenyl-phenylether	16.351	248	531347	39.767	ng/ul	97
69) Hexachlorobenzene	16.469	284	503437	33.658	ng/ul#	90
70) Atrazine	16.634	200	422028	33.887	ng/ul	98
71) Pentachlorophenol	16.828	266	365630	42.460	ng/ul	97
72) Phenanthrene	17.234	178	2868956	45.736	ng/ul	100
74) Anthracene	17.328	178	2531141	39.228	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.163	216	698465	35.920	ng/uL	98
76) Pentachlorobenzene	14.698	250	596400	32.181	ng/uL	99
77) Carbazole	17.604	167	2098516	39.408	ng/ul	99
78) Di-n-butylphthalate	18.204	149	3080123	44.534	ng/ul	100
80) Fluoranthene	19.322	202	3479003	59.420	ng/ul	98
82) Pyrene	19.698	202	2815318	46.886	ng/ul	98
83) Butylbenzylphthalate	20.657	149	1261283	56.569	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.551	252	199644	11.317	ng/ul	97
85) Benzo(a)anthracene	21.627	228	2589403	46.303	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.569	149	1782697	51.495	ng/ul#	99
87) Chrysene	21.698	228	2428120	45.935	ng/ul	99
89) Di-n-octyl phthalate	22.857	149	2690156	49.067	ng/ul	100
90) Benzo(b)fluoranthene	23.951	252	2553875	49.362	ng/ul	99
91) Benzo(k)fluoranthene	24.016	252	2225555	42.525	ng/ul	99
93) Benzo(a)pyrene	24.863	252	1196197	24.492	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.833	276	2170457m	34.647	ng/ul	
95) Dibenzo(a,h)anthracene	28.933	278	2163723m	42.025	ng/ul	
96) Benzo(g,h,i)perylene	30.015	276	230790m	4.512	ng/ul	

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

