

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070324\
 Data File : BP020782.D
 Acq On : 03 Jul 2024 23:43
 Operator : MA/JU
 Sample : P2964-09MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4CS4MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024

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 ahmed
 07/05/2024

Quant Time: Jul 04 00:35:45 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 03 15:01:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.734	152	180393	20.000	ng/u1	0.00
20) Naphthalene-d8	10.504	136	745653	20.000	ng/u1	0.01
38) Acenaphthene-d10	14.363	164	481208	20.000	ng/u1	0.01
64) Phenanthrene-d10	17.181	188	996135	20.000	ng/u1	0.02
79) Chrysene-d12	21.627	240	863154	20.000	ng/u1	0.00
88) Perylene-d12	24.968	264	1028446	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	14852	3.535	ng/uL	0.00
4) Pyridine-d5	3.687	84	63151	5.158	ng/u1	0.00
7) Phenol-d5	6.922	99	317406	21.453	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.081	67	191300	20.395	ng/u1	0.00
11) 2-Chlorophenol-d4	7.275	132	267011	22.081	ng/u1	0.00
15) 4-Methylphenol-d8	8.446	113	258524	21.514	ng/u1	0.01
21) Nitrobenzene-d5	8.887	128	137258	24.933	ng/u1	0.00
24) 2-Nitrophenol-d4	9.604	143	154079	27.968	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.128	165	284172	25.041	ng/u1	0.00
31) 4-Chloroaniline-d4	10.651	131	180272	11.335	ng/u1	0.01
46) Dimethylphthalate-d6	13.769	166	832232	24.874	ng/u1	0.01
49) Acenaphthylene-d8	14.051	160	922250	23.100	ng/u1	0.01
54) 4-Nitrophenol-d4	14.604	143	118739	23.227	ng/u1	0.02
60) Fluorene-d10	15.375	176	701917	24.931	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.516	200	95532	19.030	ng/u1	0.02
73) Anthracene-d10	17.281	188	1065689	23.837	ng/u1	0.02
81) Pyrene-d10	19.657	212	1072173	20.676	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.751	264	841521	16.821	ng/u1	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	44694	9.507	ng/uL	98
5) Pyridine	3.705	79	115651	9.119	ng/u1	99
6) Benzaldehyde	6.893	77	165826	22.163	ng/u1	99
8) Phenol	6.952	94	472904	31.343	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.169	93	354739	28.399	ng/u1	98
12) 2-Chlorophenol	7.305	128	377809	31.080	ng/u1	98
13) 2-Methylphenol	8.181	108	351232	30.341	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.246	45	515268	27.143	ng/u1	98
16) Acetophenone	8.557	105	590975	30.795	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.540	70	286964	28.133	ng/u1	98
18) 4-Methylphenol	8.505	108	391279	31.932	ng/u1	99
19) Hexachloroethane	8.793	117	124370	23.568	ng/u1	96
22) Nitrobenzene	8.928	77	419952	29.426	ng/u1	99
23) Isophorone	9.446	82	834995	29.529	ng/u1	98
25) 2-Nitrophenol	9.634	139	226476	38.067	ng/u1	92
26) 2,4-Dimethylphenol	9.693	107	323022	23.312	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.928	93	497812	29.593	ng/u1	99
29) 2,4-Dichlorophenol	10.157	162	388631	34.600	ng/u1	99
30) Naphthalene	10.557	128	1270987	31.846	ng/u1	100
32) 4-Chloroaniline	10.675	127	298550	19.498	ng/u1	99
33) Hexachlorobutadiene	10.822	225	274526	32.692	ng/u1	99
34) Caprolactam	11.469	113	106834	31.255	ng/u1	90
35) 4-Chloro-3-methylphenol	11.804	107	422327	34.054	ng/u1	98
36) 2-Methylnaphthalene	12.169	142	859016	32.131	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.387	142	896150	32.790	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.534	216	496010	32.240	ng/ul	99
40) Hexachlorocyclopentadiene	12.504	237	134204	14.015	ng/ul	96
41) 2,4,6-Trichlorophenol	12.787	196	325096	35.421	ng/ul	99
42) 2,4,5-Trichlorophenol	12.863	196	349161	36.681	ng/ul	96
43) 1,1'-Biphenyl	13.193	154	1129240	31.378	ng/ul	99
44) 2-Chloronaphthalene	13.234	162	884696	31.212	ng/ul	99
45) 2-Nitroaniline	13.445	65	268146	37.559	ng/ul	94
47) Dimethylphthalate	13.828	163	1125385	33.020	ng/ul	98
48) 2,6-Dinitrotoluene	13.957	165	235237	38.708	ng/ul	90
50) Acenaphthylene	14.081	152	1554293	34.466	ng/ul	100
51) 3-Nitroaniline	14.287	138	213468	37.793	ng/ul	96
52) Acenaphthene	14.428	153	934721	31.246	ng/ul	99
53) 2,4-Dinitrophenol	14.498	184	87153	27.647	ng/ul	93
55) 4-Nitrophenol	14.622	109	168720	36.881	ng/ul	97
56) Dibenzofuran	14.769	168	1391376	34.516	ng/ul	100
57) 2,4-Dinitrotoluene	14.745	165	348710	41.568	ng/ul#	92
58) 2,3,4,6-Tetrachlorophenol	15.010	232	301046	38.291	ng/ul	94
59) Diethylphthalate	15.198	149	1128011	33.553	ng/ul	99
61) Fluorene	15.434	166	1153308	35.609	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.428	204	563649	33.349	ng/ul	99
63) 4-Nitroaniline	15.469	138	234941	43.827	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.528	198	145926	27.137	ng/ul	93
67) N-Nitrosodiphenylamine	15.645	169	944975	32.167	ng/ul	99
68) 4-Bromophenyl-phenylether	16.345	248	366386	32.975	ng/ul	95
69) Hexachlorobenzene	16.463	284	330391	26.563	ng/ul#	92
70) Atrazine	16.628	200	266415	25.725	ng/ul	100
71) Pentachlorophenol	16.822	266	245176	34.238	ng/ul	97
72) Phenanthrene	17.222	178	2993270	57.383	ng/ul	100
74) Anthracene	17.316	178	1980434	36.910	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.151	216	514033	31.790	ng/ul	100
76) Pentachlorobenzene	14.687	250	426572	27.679	ng/ul	98
77) Carbazole	17.598	167	1448927	32.720	ng/ul	99
78) Di-n-butylphthalate	18.186	149	2003936	34.842	ng/ul	100
80) Fluoranthene	19.310	202	4043635	63.839	ng/ul	98
82) Pyrene	19.686	202	3340267	51.420	ng/ul	99
83) Butylbenzylphthalate	20.639	149	854360	35.419	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.533	252	235073	12.318	ng/ul	98
85) Benzo(a)anthracene	21.604	228	3022162	49.953	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.539	149	1269295	33.891	ng/ul#	98
87) Chrysene	21.680	228	2815248	49.230	ng/ul	99
89) Di-n-octyl phthalate	22.821	149	2186835	33.122	ng/ul	100
90) Benzo(b)fluoranthene	23.921	252	3219376	51.672	ng/ul	99
91) Benzo(k)fluoranthene	23.986	252	2491427	39.531	ng/ul	99
93) Benzo(a)pyrene	24.827	252	1577114	26.815	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.798	276	2491614m	33.028	ng/ul	
95) Dibenzo(a,h)anthracene	28.880	278	2182630	35.203	ng/ul	99
96) Benzo(g,h,i)perylene	29.962	276	287924m	4.675	ng/ul	

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

