

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070324\
 Data File : BP020771.D
 Acq On : 03 Jul 2024 15:15
 Operator : MA/JU
 Sample : P3065-03MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4CX6MSD

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 02:11:38 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	198666	20.000	ng/u1	0.00
20) Naphthalene-d8	10.499	136	819121	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.357	164	525564	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.175	188	1066305	20.000	ng/u1	0.01
79) Chrysene-d12	21.628	240	942343	20.000	ng/u1	0.00
88) Perylene-d12	24.968	264	1156109	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	18086	3.909	ng/uL	0.00
4) Pyridine-d5	3.681	84	133440	9.897	ng/u1	0.00
7) Phenol-d5	6.922	99	515214	31.619	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.081	67	292283	28.295	ng/u1	0.00
11) 2-Chlorophenol-d4	7.281	132	420369	31.566	ng/u1	0.01
15) 4-Methylphenol-d8	8.446	113	426703	32.243	ng/u1	0.01
21) Nitrobenzene-d5	8.887	128	209912	34.710	ng/u1	0.00
24) 2-Nitrophenol-d4	9.593	143	245523	40.569	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.140	165	473145	37.954	ng/u1	0.01
31) 4-Chloroaniline-d4	10.652	131	255453	14.622	ng/u1	0.01
46) Dimethylphthalate-d6	13.775	166	1432427	39.199	ng/u1	0.02
49) Acenaphthylene-d8	14.051	160	1568372	35.969	ng/u1	0.01
54) 4-Nitrophenol-d4	14.598	143	238248	42.672	ng/u1	0.02
60) Fluorene-d10	15.375	176	1191795	38.758	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.504	200	243792	45.369	ng/u1	0.00
73) Anthracene-d10	17.275	188	1844918	38.552	ng/u1	0.01
81) Pyrene-d10	19.657	212	1857407	32.809	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.739	264	1435953	25.534	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	56338	10.882	ng/uL	97
5) Pyridine	3.699	79	231455	16.572	ng/u1	99
6) Benzaldehyde	6.899	77	203564	24.704	ng/u1	96
8) Phenol	6.952	94	646896	38.931	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.169	93	474804	34.514	ng/u1	99
12) 2-Chlorophenol	7.311	128	507754	37.928	ng/u1	99
13) 2-Methylphenol	8.175	108	485242	38.062	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.246	45	675705	32.321	ng/u1	98
16) Acetophenone	8.552	105	794821	37.608	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.534	70	388300	34.566	ng/u1	98
18) 4-Methylphenol	8.505	108	540396	40.045	ng/u1	98
19) Hexachloroethane	8.799	117	161654	27.816	ng/u1	90
22) Nitrobenzene	8.928	77	566849	36.157	ng/u1	95
23) Isophorone	9.452	82	1130364	36.390	ng/u1	97
25) 2-Nitrophenol	9.622	139	303264	46.401	ng/u1	94
26) 2,4-Dimethylphenol	9.687	107	519750	34.145	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.922	93	667343	36.113	ng/u1	98
29) 2,4-Dichlorophenol	10.163	162	532950	43.193	ng/u1	99
30) Naphthalene	10.557	128	1654022	37.726	ng/u1	100
32) 4-Chloroaniline	10.669	127	357932	21.280	ng/u1	99
33) Hexachlorobutadiene	10.816	225	363702	39.427	ng/u1	98
34) Caprolactam	11.469	113	154345m	41.105	ng/u1	
35) 4-Chloro-3-methylphenol	11.799	107	596792	43.806	ng/u1	98
36) 2-Methylnaphthalene	12.157	142	1158149	39.435	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.387	142	1189452	39.618	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.522	216	675749	40.216	ng/ul	98
40) Hexachlorocyclopentadiene	12.499	237	238067	22.763	ng/ul	100
41) 2,4,6-Trichlorophenol	12.787	196	451870	45.079	ng/ul	99
42) 2,4,5-Trichlorophenol	12.863	196	498131	47.914	ng/ul	99
43) 1,1'-Biphenyl	13.175	154	1513146	38.497	ng/ul	99
44) 2-Chloronaphthalene	13.222	162	1199563	38.749	ng/ul	98
45) 2-Nitroaniline	13.440	65	378789	48.579	ng/ul	94
47) Dimethylphthalate	13.822	163	1565143	42.047	ng/ul	99
48) 2,6-Dinitrotoluene	13.946	165	335983	50.619	ng/ul	90
50) Acenaphthylene	14.087	152	1992627	40.456	ng/ul	100
51) 3-Nitroaniline	14.281	138	273880	44.396	ng/ul	93
52) Acenaphthene	14.428	153	1321719	40.453	ng/ul	99
53) 2,4-Dinitrophenol	14.498	184	192904	56.029	ng/ul	99
55) 4-Nitrophenol	14.616	109	231180	46.269	ng/ul	98
56) Dibenzofuran	14.763	168	1810601	41.125	ng/ul	99
57) 2,4-Dinitrotoluene	14.746	165	488615	53.330	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	14.998	232	418061	48.687	ng/ul	97
59) Diethylphthalate	15.198	149	1632446	44.460	ng/ul	98
61) Fluorene	15.428	166	1513241	42.778	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.422	204	755949	40.952	ng/ul	97
63) 4-Nitroaniline	15.463	138	314227m	53.670	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.516	198	295095	51.265	ng/ul	94
67) N-Nitrosodiphenylamine	15.645	169	1304593	41.487	ng/ul	99
68) 4-Bromophenyl-phenylether	16.340	248	506625	42.596	ng/ul	97
69) Hexachlorobenzene	16.451	284	456680	34.300	ng/ul	94
70) Atrazine	16.622	200	344326	31.060	ng/ul	99
71) Pentachlorophenol	16.816	266	341610	44.566	ng/ul	99
72) Phenanthrene	17.216	178	3449959	61.786	ng/ul	100
74) Anthracene	17.304	178	2562721	44.619	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.146	216	701378	40.521	ng/uL	98
76) Pentachlorobenzene	14.681	250	566864	34.362	ng/uL	99
77) Carbazole	17.598	167	2058045	43.417	ng/ul	99
78) Di-n-butylphthalate	18.187	149	2861797	46.483	ng/ul	100
80) Fluoranthene	19.310	202	5426314	78.469	ng/ul	98
82) Pyrene	19.686	202	4154332	58.577	ng/ul	97
83) Butylbenzylphthalate	20.639	149	1274259	48.388	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.528	252	288538	13.849	ng/ul	98
85) Benzo(a)anthracene	21.604	228	4048030	61.287	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.533	149	2451298	59.952	ng/ul#	99
87) Chrysene	21.675	228	4085088	65.432	ng/ul	99
89) Di-n-octyl phthalate	22.816	149	3249473	43.782	ng/ul	100
90) Benzo(b)fluoranthene	23.916	252	4883830	69.731	ng/ul	98
91) Benzo(k)fluoranthene	23.980	252	3631392	51.257	ng/ul	99
93) Benzo(a)pyrene	24.816	252	2064954	31.232	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.774	276	3406300m	40.167	ng/ul	
95) Dibenzo(a,h)anthracene	28.862	278	3126572	44.859	ng/ul	99
96) Benzo(g,h,i)perylene	29.951	276	379355	5.479	ng/ul	96

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

