

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042522\
 Data File : BP010093.D
 Acq On : 25 Apr 2022 21:02
 Operator : CG/JU
 Sample : N2475-11MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A0BM8MS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 04/26/2022
 Supervised By :Yogesh Patel 04/28/2022

Quant Time: Apr 26 01:05:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 21 14:49:38 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	164120	20.000	ng/u1	0.00
20) Naphthalene-d8	10.740	136	700466	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.569	164	467274	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.322	188	969301	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.404	240	746533	20.000	ng/u1	# 0.00
88) Perylene-d12	23.851	264	559687	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	17831	4.738	ng/uL	0.00
4) Pyridine-d5	3.787	84	59335	5.604	ng/u1	0.00
7) Phenol-d5	7.093	99	96238	6.447	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.258	67	290586m	32.440	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.463	132	275230	24.895	ng/u1	0.00
15) 4-Methylphenol-d8	8.646	113	190662	15.415	ng/u1	0.00
21) Nitrobenzene-d5	9.093	128	185359	33.271	ng/u1	0.00
24) 2-Nitrophenol-d4	9.816	143	201529	33.122	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.363	165	341372	28.820	ng/u1	0.00
31) 4-Chloroaniline-d4	10.869	131	421911	24.842	ng/u1	-0.01
46) Dimethylphthalate-d6	13.975	166	1338340	36.819	ng/u1	0.00
49) Acenaphthylene-d8	14.263	160	1449919	32.959	ng/u1	0.00
54) 4-Nitrophenol-d4	14.757	143	47259m	7.062	ng/u1	0.00
60) Fluorene-d10	15.563	176	1123240	35.924	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.681	200	239791	39.124	ng/u1	0.00
73) Anthracene-d10	17.422	188	1771124	37.769	ng/u1	0.00
81) Pyrene-d10	19.651	212	1962189	46.217	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.692	264	1191926	40.622	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.405	88	18622	4.761	ng/uL#	14
5) Pyridine	3.805	79	66919	6.080	ng/u1#	35
6) Benzaldehyde	7.069	77	325140	40.756	ng/u1	97
8) Phenol	7.122	94	111940	7.463	ng/u1#	92
10) Bis(2-Chloroethyl)ether	7.352	93	392034	33.924	ng/u1#	76
12) 2-Chlorophenol	7.499	128	296186	26.560	ng/u1	93
13) 2-Methylphenol	8.375	108	225990	19.645	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.469	45	588971	34.347	ng/u1#	85
16) Acetophenone	8.757	105	633530	32.830	ng/u1#	82
17) N-Nitroso-di-n-propyla...	8.746	70	339013	33.531	ng/u1#	75
18) 4-Methylphenol	8.705	108	212268	16.759	ng/u1	90
19) Hexachloroethane	9.022	117	153816	32.825	ng/u1	85
22) Nitrobenzene	9.134	77	488324	35.776	ng/u1#	84
23) Isophorone	9.663	82	947276	35.137	ng/u1	97
25) 2-Nitrophenol	9.852	139	225161	34.941	ng/u1#	81
26) 2,4-Dimethylphenol	9.910	107	351621	25.203	ng/u1#	79
27) Bis(2-Chloroethoxy)met...	10.146	93	557489	35.280	ng/u1#	98
29) 2,4-Dichlorophenol	10.387	162	360746	31.683	ng/u1#	85
30) Naphthalene	10.793	128	1284427	35.034	ng/u1	97
32) 4-Chloroaniline	10.899	127	439928	26.286	ng/u1	99
33) Hexachlorobutadiene	11.087	225	280764	34.792	ng/u1	95
34) Caprolactam	11.675	113	17437m	4.257	ng/u1	
35) 4-Chloro-3-methylphenol	12.016	107	390390	28.382	ng/u1#	67
36) 2-Methylnaphthalene	12.398	142	923277	34.724	ng/u1	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.616	142	929099	34.414	ng/ul#	94
39) 1,2,4,5-Tetrachloroben...	12.769	216	536842	37.186	ng/ul	93
40) Hexachlorocyclopentadiene	12.751	237	254794	31.318	ng/ul	95
41) 2,4,6-Trichlorophenol	13.004	196	344112	36.840	ng/ul#	83
42) 2,4,5-Trichlorophenol	13.069	196	374794	36.878	ng/ul#	87
43) 1,1'-Biphenyl	13.404	154	1289286	37.410	ng/ul	94
44) 2-Chloronaphthalene	13.445	162	985511	36.951	ng/ul	93
45) 2-Nitroaniline	13.645	65	340167	39.334	ng/ul#	81
47) Dimethylphthalate	14.022	163	1368927	38.751	ng/ul#	92
48) 2,6-Dinitrotoluene	14.140	165	294583	40.634	ng/ul	96
50) Acenaphthylene	14.287	152	1611570	36.983	ng/ul	95
51) 3-Nitroaniline	14.469	138	248072	37.774	ng/ul#	80
52) Acenaphthene	14.634	153	1055009	37.234	ng/ul	96
53) 2,4-Dinitrophenol	14.675	184	151236	37.332	ng/ul#	80
55) 4-Nitrophenol	14.775	109	46070	7.924	ng/ul#	53
56) Dibenzofuran	14.969	168	1555087	37.064	ng/ul	99
57) 2,4-Dinitrotoluene	14.928	165	424026	40.037	ng/ul#	85
58) 2,3,4,6-Tetrachlorophenol	15.192	232	347038m	38.415	ng/ul	
59) Diethylphthalate	15.387	149	1437342	40.002	ng/ul	94
61) Fluorene	15.616	166	1289382	37.429	ng/ul	90
62) 4-Chlorophenyl-phenyle...	15.610	204	684442	37.753	ng/ul	99
63) 4-Nitroaniline	15.628	138	262747m	41.117	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.692	198	247242	41.811	ng/ul#	92
67) N-Nitrosodiphenylamine	15.822	169	1142704	41.087	ng/ul	95
68) 4-Bromophenyl-phenylether	16.504	248	435263	42.099	ng/ul	95
69) Hexachlorobenzene	16.628	284	502025	41.833	ng/ul#	91
70) Atrazine	16.781	200	445663	39.415	ng/ul#	89
71) Pentachlorophenol	16.969	266	293954	38.462	ng/ul#	84
72) Phenanthrene	17.363	178	2125019	40.335	ng/ul	99
74) Anthracene	17.457	178	2153916	40.590	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.369	216	569601	40.252	ng/ul#	84
76) Pentachlorobenzene	14.892	250	559160	40.295	ng/ul	91
77) Carbazole	17.722	167	1846660	39.326	ng/ul#	96
78) Di-n-butylphthalate	18.269	149	2459180	42.568	ng/ul#	93
80) Fluoranthene	19.327	202	2439317	50.939	ng/ul#	95
82) Pyrene	19.680	202	2438130	49.418	ng/ul#	93
83) Butylbenzylphthalate	20.545	149	979227	48.016	ng/ul#	80
84) 3,3'-Dichlorobenzidine	21.316	252	486292	36.202	ng/ul#	95
85) Benzo(a)anthracene	21.386	228	1997866	42.169	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.310	149	1369227	45.300	ng/ul#	82
87) Chrysene	21.439	228	1928586	41.342	ng/ul	99
89) Di-n-octyl phthalate	22.251	149	2049612	47.107	ng/ul	100
90) Benzo(b)fluoranthene	23.104	252	1616012	42.949	ng/ul	100
91) Benzo(k)fluoranthene	23.157	252	1614961	45.311	ng/ul#	98
93) Benzo(a)pyrene	23.745	252	1500904	43.136	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.415	276	1559234	45.048	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.433	278	1319342	44.546	ng/ul#	96
96) Benzo(g,h,i)perylene	27.204	276	1349567	46.208	ng/ul	93

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

