

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042522\
 Data File : BP010094.D
 Acq On : 25 Apr 2022 21:35
 Operator : CG/JU
 Sample : N2475-12MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A0BM8MSD

Quant Time: Apr 26 01:05:16 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	166761	20.000	ng/u1	0.00
20) Naphthalene-d8	10.739	136	701855	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.569	164	449838	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.321	188	866822	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.404	240	593185	20.000	ng/u1	# 0.00
88) Perylene-d12	23.850	264	519469	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	18447	4.824	ng/uL	0.00
4) Pyridine-d5	3.787	84	54908	5.104	ng/u1	0.00
7) Phenol-d5	7.098	99	95621	6.304	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.257	67	289689	31.828	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.463	132	275843	24.555	ng/u1	0.00
15) 4-Methylphenol-d8	8.645	113	190048	15.122	ng/u1	0.00
21) Nitrobenzene-d5	9.092	128	190058	34.047	ng/u1	0.00
24) 2-Nitrophenol-d4	9.816	143	201930	33.122	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.363	165	338698	28.538	ng/u1	0.00
31) 4-Chloroaniline-d4	10.869	131	406468	23.886	ng/u1	-0.01
46) Dimethylphthalate-d6	13.975	166	1239747	35.429	ng/u1	0.00
49) Acenaphthylene-d8	14.257	160	1379348	32.570	ng/u1	0.00
54) 4-Nitrophenol-d4	14.757	143	43760m	6.793	ng/u1	0.00
60) Fluorene-d10	15.563	176	1042863	34.646	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.680	200	210731	38.447	ng/u1	0.00
73) Anthracene-d10	17.421	188	1550778	36.980	ng/u1	0.00
81) Pyrene-d10	19.651	212	1564992	46.391	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.692	264	1080460	39.674	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.404	88	19172	4.824	ng/uL#	28
5) Pyridine	3.810	79	69509	6.216	ng/u1#	46
6) Benzaldehyde	7.069	77	331413m	40.885	ng/u1	
8) Phenol	7.122	94	115217	7.560	ng/u1#	94
10) Bis(2-Chloroethyl)ether	7.351	93	393381	33.501	ng/u1#	76
12) 2-Chlorophenol	7.498	128	298240	26.321	ng/u1	94
13) 2-Methylphenol	8.375	108	229868	19.666	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.463	45	577063	33.119	ng/u1#	84
16) Acetophenone	8.757	105	629629	32.111	ng/u1#	80
17) N-Nitroso-di-n-propyla...	8.745	70	333470	32.461	ng/u1#	75
18) 4-Methylphenol	8.710	108	217223	16.878	ng/u1	96
19) Hexachloroethane	9.022	117	156564	32.883	ng/u1#	83
22) Nitrobenzene	9.134	77	482591	35.286	ng/u1#	83
23) Isophorone	9.669	82	925075	34.245	ng/u1#	96
25) 2-Nitrophenol	9.851	139	220774	34.192	ng/u1#	82
26) 2,4-Dimethylphenol	9.910	107	344250	24.626	ng/u1#	80
27) Bis(2-Chloroethoxy)met...	10.145	93	552960	34.924	ng/u1#	98
29) 2,4-Dichlorophenol	10.386	162	358317	31.407	ng/u1#	85
30) Naphthalene	10.792	128	1281300	34.880	ng/u1	96
32) 4-Chloroaniline	10.898	127	431342	25.722	ng/u1	100
33) Hexachlorobutadiene	11.086	225	274530	33.952	ng/u1	95
34) Caprolactam	11.675	113	16572m	4.038	ng/u1	
35) 4-Chloro-3-methylphenol	12.016	107	380038	27.575	ng/u1#	68
36) 2-Methylnaphthalene	12.398	142	903067	33.897	ng/u1	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.616	142	913977	33.787	ng/ul#	94
39) 1,2,4,5-Tetrachloroben...	12.769	216	523901	37.697	ng/ul#	94
40) Hexachlorocyclopentadiene	12.751	237	250956	32.042	ng/ul	95
41) 2,4,6-Trichlorophenol	13.004	196	328812	36.567	ng/ul#	81
42) 2,4,5-Trichlorophenol	13.069	196	361389	36.938	ng/ul#	87
43) 1,1'-Biphenyl	13.404	154	1241686	37.425	ng/ul	93
44) 2-Chloronaphthalene	13.445	162	950832	37.033	ng/ul	93
45) 2-Nitroaniline	13.645	65	312929	37.587	ng/ul#	81
47) Dimethylphthalate	14.022	163	1277310	37.559	ng/ul#	92
48) 2,6-Dinitrotoluene	14.139	165	273219	39.148	ng/ul	92
50) Acenaphthylene	14.292	152	1534992	36.591	ng/ul	95
51) 3-Nitroaniline	14.469	138	229274	36.265	ng/ul#	78
52) Acenaphthene	14.633	153	989359	36.270	ng/ul	96
53) 2,4-Dinitrophenol	14.674	184	137114	35.158	ng/ul#	80
55) 4-Nitrophenol	14.774	109	39088	6.984	ng/ul#	39
56) Dibenzofuran	14.969	168	1467680	36.336	ng/ul	100
57) 2,4-Dinitrotoluene	14.927	165	382732	37.539	ng/ul#	87
58) 2,3,4,6-Tetrachlorophenol	15.192	232	317881	36.552	ng/ul#	87
59) Diethylphthalate	15.386	149	1296908	37.493	ng/ul	93
61) Fluorene	15.616	166	1203764	36.298	ng/ul	91
62) 4-Chlorophenyl-phenyle...	15.610	204	633276	36.284	ng/ul	99
63) 4-Nitroaniline	15.633	138	234312m	38.088	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.692	198	212896	40.259	ng/ul#	90
67) N-Nitrosodiphenylamine	15.821	169	1036706	41.683	ng/ul	94
68) 4-Bromophenyl-phenylether	16.504	248	389748	42.153	ng/ul	95
69) Hexachlorobenzene	16.627	284	445903	41.549	ng/ul#	90
70) Atrazine	16.774	200	379776	37.559	ng/ul#	90
71) Pentachlorophenol	16.968	266	252688	36.972	ng/ul#	83
72) Phenanthrene	17.363	178	1873715	39.770	ng/ul	99
74) Anthracene	17.457	178	1875994	39.532	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.369	216	546692	43.201	ng/uL#	87
76) Pentachlorobenzene	14.892	250	521415	42.018	ng/uL	92
77) Carbazole	17.721	167	1559644	37.141	ng/ul#	96
78) Di-n-butylphthalate	18.274	149	2023606	39.169	ng/ul#	92
80) Fluoranthene	19.327	202	1987378	52.230	ng/ul#	95
82) Pyrene	19.680	202	1969645	50.243	ng/ul#	94
83) Butylbenzylphthalate	20.545	149	735534	45.391	ng/ul#	81
84) 3,3'-Dichlorobenzidine	21.315	252	393454	36.863	ng/ul#	93
85) Benzo(a)anthracene	21.386	228	1546976	41.094	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.309	149	1042502	43.407	ng/ul#	83
87) Chrysene	21.439	228	1512277	40.798	ng/ul	99
89) Di-n-octyl phthalate	22.251	149	1621331	40.148	ng/ul	100
90) Benzo(b)fluoranthene	23.103	252	1420451	40.674	ng/ul	99
91) Benzo(k)fluoranthene	23.156	252	1408155	42.568	ng/ul#	98
93) Benzo(a)pyrene	23.745	252	1375097	42.580	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.421	276	1592910	49.584	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.433	278	1364154	49.625	ng/ul#	96
96) Benzo(g,h,i)perylene	27.203	276	1382364	50.996	ng/ul#	91

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

