

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051922\
 Data File : BP010422.D
 Acq On : 20 May 2022 02:16
 Operator : CG/JU
 Sample : PB144950BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS950

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/20/2022
 Supervised By :Yogesh Patel 05/24/2022

Quant Time: May 20 05:51:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051322.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 13 15:04:31 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	179930	20.000	ng/u1	0.00
20) Naphthalene-d8	10.693	136	789350	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.528	164	526887	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.281	188	1142043	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.363	240	1108220	20.000	ng/u1	# 0.00
88) Perylene-d12	23.786	264	1013694	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	24222m	5.738	ng/uL	0.00
4) Pyridine-d5	3.758	84	356451	29.739	ng/u1	0.00
7) Phenol-d5	7.058	99	486688	32.227	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.222	67	321564m	31.692	ng/u1	0.00
11) 2-Chlorophenol-d4	7.422	132	382212	33.075	ng/u1	-0.01
15) 4-Methylphenol-d8	8.605	113	408115	31.799	ng/u1	0.00
21) Nitrobenzene-d5	9.052	128	202719	33.183	ng/u1	0.00
24) 2-Nitrophenol-d4	9.775	143	224581	34.689	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.316	165	402556	32.884	ng/u1	0.00
31) 4-Chloroaniline-d4	10.828	131	520199m	28.580	ng/u1	-0.01
46) Dimethylphthalate-d6	13.940	166	1269856	32.712	ng/u1	0.00
49) Acenaphthylene-d8	14.216	160	1487069	33.211	ng/u1	0.00
54) 4-Nitrophenol-d4	14.728	143	223519	32.349	ng/u1	0.00
60) Fluorene-d10	15.522	176	1092253	32.342	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.645	200	223904	33.523	ng/u1	0.00
73) Anthracene-d10	17.381	188	1684925	32.582	ng/u1	0.00
81) Pyrene-d10	19.610	212	2030694	34.504	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.633	264	1735315	34.092	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.375	88	49281	11.270	ng/uL#	1
5) Pyridine	3.775	79	365523	29.344	ng/u1#	34
6) Benzaldehyde	7.034	77	328008	41.086	ng/u1	93
8) Phenol	7.087	94	523270	32.117	ng/u1#	93
10) Bis(2-Chloroethyl)ether	7.316	93	406307	31.718	ng/u1#	74
12) 2-Chlorophenol	7.458	128	391533	32.455	ng/u1	95
13) 2-Methylphenol	8.340	108	398742	32.785	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.422	45	669588	32.073	ng/u1#	82
16) Acetophenone	8.716	105	641713	31.823	ng/u1#	76
17) N-Nitroso-di-n-propyla...	8.705	70	350532	32.481	ng/u1#	68
18) 4-Methylphenol	8.669	108	434236	32.304	ng/u1	94
19) Hexachloroethane	8.975	117	166047	31.648	ng/u1#	81
22) Nitrobenzene	9.093	77	508808	31.694	ng/u1#	82
23) Isophorone	9.622	82	976444	32.906	ng/u1#	97
25) 2-Nitrophenol	9.805	139	239541	33.697	ng/u1#	86
26) 2,4-Dimethylphenol	9.869	107	494270	32.044	ng/u1#	80
27) Bis(2-Chloroethoxy)met...	10.105	93	574159	32.497	ng/u1#	98
29) 2,4-Dichlorophenol	10.346	162	404730	32.337	ng/u1#	84
30) Naphthalene	10.746	128	1308564	31.739	ng/u1	97
32) 4-Chloroaniline	10.857	127	516931	28.617	ng/u1	98
33) Hexachlorobutadiene	11.034	225	273780	30.870	ng/u1	94
34) Caprolactam	11.634	113	145617m	33.338	ng/u1	
35) 4-Chloro-3-methylphenol	11.981	107	478896	32.708	ng/u1#	69
36) 2-Methylnaphthalene	12.351	142	921005	31.555	ng/u1	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.569	142	939491	31.879	ng/ul#	95
39) 1,2,4,5-Tetrachloroben...	12.722	216	518709	32.261	ng/ul	94
40) Hexachlorocyclopentadiene	12.704	237	282935	32.367	ng/ul	95
41) 2,4,6-Trichlorophenol	12.963	196	343208	34.243	ng/ul#	85
42) 2,4,5-Trichlorophenol	13.034	196	376155	33.613	ng/ul#	87
43) 1,1'-Biphenyl	13.363	154	1261292	32.614	ng/ul#	94
44) 2-Chloronaphthalene	13.404	162	984745	32.967	ng/ul	94
45) 2-Nitroaniline	13.604	65	349307	35.532	ng/ul#	77
47) Dimethylphthalate	13.987	163	1259034	32.697	ng/ul#	92
48) 2,6-Dinitrotoluene	14.104	165	272140	34.670	ng/ul	93
50) Acenaphthylene	14.245	152	1594789	32.923	ng/ul	96
51) 3-Nitroaniline	14.428	138	254916	34.602	ng/ul#	83
52) Acenaphthene	14.587	153	1020835	32.305	ng/ul	97
53) 2,4-Dinitrophenol	14.640	184	136759	31.206	ng/ul#	76
55) 4-Nitrophenol	14.740	109	198384	32.290	ng/ul#	41
56) Dibenzofuran	14.928	168	1490131	32.178	ng/ul	99
57) 2,4-Dinitrotoluene	14.893	165	392134	34.703	ng/ul#	83
58) 2,3,4,6-Tetrachlorophenol	15.151	232	323265	33.593	ng/ul#	87
59) Diethylphthalate	15.351	149	1298365	33.045	ng/ul	93
61) Fluorene	15.575	166	1231495	32.518	ng/ul	91
62) 4-Chlorophenyl-phenyle...	15.569	204	631566	32.059	ng/ul	99
63) 4-Nitroaniline	15.598	138	273050	37.536	ng/ul#	76
66) 4,6-Dinitro-2-methylph...	15.657	198	221476	33.250	ng/ul#	87
67) N-Nitrosodiphenylamine	15.781	169	1066877	33.311	ng/ul	94
68) 4-Bromophenyl-phenylether	16.463	248	386091	32.827	ng/ul	97
69) Hexachlorobenzene	16.587	284	439879	32.514	ng/ul#	87
70) Atrazine	16.739	200	419534	32.698	ng/ul#	89
71) Pentachlorophenol	16.934	266	275127	32.411	ng/ul#	83
72) Phenanthrene	17.322	178	1978768	32.466	ng/ul	98
74) Anthracene	17.416	178	1998580	32.687	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.328	216	539404	31.079	ng/uL#	85
76) Pentachlorobenzene	14.851	250	512095	32.519	ng/uL	89
77) Carbazole	17.681	167	1760909	32.770	ng/ul#	95
78) Di-n-butylphthalate	18.233	149	2241057	34.243	ng/ul#	93
80) Fluoranthene	19.286	202	2396585	35.041	ng/ul	97
82) Pyrene	19.639	202	2449733	34.322	ng/ul	96
83) Butylbenzylphthalate	20.510	149	1041742	36.501	ng/ul#	81
84) 3,3'-Dichlorobenzidine	21.275	252	765066	34.348	ng/ul#	96
85) Benzo(a)anthracene	21.345	228	2314557	33.399	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.269	149	1534682	36.644	ng/ul#	81
87) Chrysene	21.404	228	2238106	32.833	ng/ul	99
89) Di-n-octyl phthalate	22.198	149	2614333	34.378	ng/ul	100
90) Benzo(b)fluoranthene	23.051	252	2302869	34.083	ng/ul	99
91) Benzo(k)fluoranthene	23.098	252	2113696	32.915	ng/ul#	97
93) Benzo(a)pyrene	23.686	252	2093196	33.344	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.321	276	2019795	34.201	ng/ul#	91
95) Dibenzo(a,h)anthracene	26.333	278	1723462	33.633	ng/ul#	95
96) Benzo(g,h,i)perylene	27.098	276	1681144	34.092	ng/ul#	91

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

