

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041922\
 Data File : BP009991.D
 Acq On : 20 Apr 2022 23:27
 Operator : CG/JU
 Sample : PB144175BS
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS175

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 04/21/2022
 Supervised By :Yogesh Patel 04/25/2022

Quant Time: Apr 21 01:10:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP040722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 20 01:32:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	144328	20.000	ng/u1	0.00
20) Naphthalene-d8	10.751	136	660979	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.575	164	479005	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.328	188	1081184	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.410	240	1091171	20.000	ng/u1	# 0.00
88) Perylene-d12	23.857	264	917221	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	16420	5.077	ng/uL	0.00
4) Pyridine-d5	3.781	84	232614	26.089	ng/u1	0.00
7) Phenol-d5	7.105	99	350968	27.698	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.269	67	219143	29.050	ng/u1	0.00
11) 2-Chlorophenol-d4	7.475	132	278406	29.128	ng/u1	0.00
15) 4-Methylphenol-d8	8.652	113	309515	29.261	ng/u1	0.00
21) Nitrobenzene-d5	9.099	128	151010	31.681	ng/u1	0.00
24) 2-Nitrophenol-d4	9.828	143	169296	32.396	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.369	165	313187	28.640	ng/u1	0.00
31) 4-Chloroaniline-d4	10.881	131	408131	26.204	ng/u1	0.00
46) Dimethylphthalate-d6	13.981	166	1059901	28.169	ng/u1	0.00
49) Acenaphthylene-d8	14.269	160	1220759	27.386	ng/u1	0.00
54) 4-Nitrophenol-d4	14.769	143	197230	28.903	ng/u1	0.00
60) Fluorene-d10	15.569	176	918751	29.026	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.686	200	186508	29.119	ng/u1	0.00
73) Anthracene-d10	17.427	188	1484881	28.684	ng/u1	0.00
81) Pyrene-d10	19.657	212	1823532	30.599	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.704	264	1420221	29.733	ng/u1	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.405	88	33194	10.069	ng/uL#	20
5) Pyridine	3.805	79	242252	26.040	ng/u1#	45
6) Benzaldehyde	7.075	77	219525	28.249	ng/u1	96
8) Phenol	7.128	94	364598	28.746	ng/u1#	93
10) Bis(2-Chloroethyl)ether	7.363	93	281025	28.445	ng/u1#	79
12) 2-Chlorophenol	7.505	128	281275	29.190	ng/u1	94
13) 2-Methylphenol	8.387	108	281983	28.511	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.475	45	418038	28.625	ng/u1#	85
16) Acetophenone	8.763	105	468373	28.104	ng/u1#	77
17) N-Nitroso-di-n-propyla...	8.757	70	254423	29.446	ng/u1#	75
18) 4-Methylphenol	8.716	108	315587	29.465	ng/u1	94
19) Hexachloroethane	9.028	117	115601	28.414	ng/u1	84
22) Nitrobenzene	9.146	77	360340	29.453	ng/u1#	85
23) Isophorone	9.675	82	719129	28.525	ng/u1#	97
25) 2-Nitrophenol	9.857	139	174945	31.388	ng/u1#	84
26) 2,4-Dimethylphenol	9.922	107	366392	27.701	ng/u1#	77
27) Bis(2-Chloroethoxy)met...	10.157	93	414894	28.031	ng/u1#	96
29) 2,4-Dichlorophenol	10.398	162	310839	29.320	ng/u1#	85
30) Naphthalene	10.798	128	958551	28.198	ng/u1	97
32) 4-Chloroaniline	10.904	127	399319	25.908	ng/u1	97
33) Hexachlorobutadiene	11.093	225	206767	27.080	ng/u1	96
34) Caprolactam	11.675	113	110869m	31.623	ng/u1	
35) 4-Chloro-3-methylphenol	12.028	107	377565	29.392	ng/u1#	70
36) 2-Methylnaphthalene	12.404	142	697636	28.091	ng/u1	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.622	142	724081m	28.875	ng/ul	
39) 1,2,4,5-Tetrachloroben...	12.775	216	410323	27.999	ng/ul	96
40) Hexachlorocyclopentadiene	12.757	237	210661	20.714	ng/ul	96
41) 2,4,6-Trichlorophenol	13.010	196	274519	29.332	ng/ul#	84
42) 2,4,5-Trichlorophenol	13.081	196	303126	29.970	ng/ul#	87
43) 1,1'-Biphenyl	13.410	154	990891	28.352	ng/ul	93
44) 2-Chloronaphthalene	13.451	162	760595	28.311	ng/ul	94
45) 2-Nitroaniline	13.651	65	263599	33.481	ng/ul#	81
47) Dimethylphthalate	14.028	163	1032689	28.516	ng/ul#	92
48) 2,6-Dinitrotoluene	14.145	165	222253	33.365	ng/ul	92
50) Acenaphthylene	14.298	152	1276418	29.015	ng/ul	95
51) 3-Nitroaniline	14.475	138	213161	30.781	ng/ul#	79
52) Acenaphthene	14.639	153	820581	28.489	ng/ul	98
53) 2,4-Dinitrophenol	14.675	184	108489	26.944	ng/ul#	79
55) 4-Nitrophenol	14.781	109	173117	27.560	ng/ul#	47
56) Dibenzofuran	14.975	168	1203772	28.397	ng/ul	99
57) 2,4-Dinitrotoluene	14.934	165	326863	33.417	ng/ul#	86
58) 2,3,4,6-Tetrachlorophenol	15.198	232	271427	29.433	ng/ul#	87
59) Diethylphthalate	15.392	149	1072904	28.627	ng/ul#	92
61) Fluorene	15.622	166	1003779	28.748	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.616	204	520546	28.038	ng/ul	97
63) 4-Nitroaniline	15.633	138	238901m	34.443	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.698	198	181747	28.547	ng/ul#	91
67) N-Nitrosodiphenylamine	15.828	169	882596	28.517	ng/ul	95
68) 4-Bromophenyl-phenylether	16.510	248	328192	28.042	ng/ul	95
69) Hexachlorobenzene	16.633	284	380749m	28.293	ng/ul	
70) Atrazine	16.780	200	358653	28.075	ng/ul#	90
71) Pentachlorophenol	16.975	266	239192	26.259	ng/ul#	83
72) Phenanthrene	17.369	178	1655716	28.689	ng/ul	98
74) Anthracene	17.463	178	1687456	28.840	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.381	216	439562	28.120	ng/ul#	85
76) Pentachlorobenzene	14.898	250	425962	27.957	ng/ul	91
77) Carbazole	17.727	167	1500617	28.379	ng/ul#	95
78) Di-n-butylphthalate	18.275	149	1899369	29.211	ng/ul#	93
80) Fluoranthene	19.327	202	2095824	30.553	ng/ul	97
82) Pyrene	19.680	202	2119884	30.481	ng/ul#	95
83) Butylbenzylphthalate	20.551	149	895121	31.374	ng/ul#	80
84) 3,3'-Dichlorobenzidine	21.316	252	640975	27.566	ng/ul#	97
85) Benzo(a)anthracene	21.392	228	2000907	28.925	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.316	149	1338274	31.184	ng/ul#	82
87) Chrysene	21.445	228	1988930	29.801	ng/ul	98
89) Di-n-octyl phthalate	22.257	149	2267412	35.283	ng/ul	100
90) Benzo(b)fluoranthene	23.110	252	1815024	29.784	ng/ul	98
91) Benzo(k)fluoranthene	23.163	252	1753960	31.541	ng/ul#	97
93) Benzo(a)pyrene	23.751	252	1675694	29.664	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.421	276	1640338	27.769	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.439	278	1418146	27.687	ng/ul#	97
96) Benzo(g,h,i)perylene	27.203	276	1375901	28.249	ng/ul#	92

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

