

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041922\
 Data File : BP009972.D
 Acq On : 20 Apr 2022 11:18
 Operator : CG/JU
 Sample : PB144232BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS232

Manual Integrations
 APPROVED

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

Quant Time: Apr 21 09:42:16 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	7.952	152	144656	20.000	ng/ul	0.00
20) Naphthalene-d8	10.757	136	654778	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.581	164	474699	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.333	188	1065912	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.416	240	1110873	20.000	ng/ul	0.00
88) Perylene-d12	23.874	264	1082165	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	22791	7.032	ng/uL	0.00
4) Pyridine-d5	3.787	84	303047	33.911	ng/ul	0.00
7) Phenol-d5	7.110	99	443141	34.893	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.275	67	279339	36.946	ng/ul	0.00
11) 2-Chlorophenol-d4	7.481	132	352798	36.828	ng/ul	0.00
15) 4-Methylphenol-d8	8.657	113	385820	36.392	ng/ul	0.00
21) Nitrobenzene-d5	9.110	128	186249	39.445	ng/ul	0.00
24) 2-Nitrophenol-d4	9.834	143	205009	39.602	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.375	165	393473	36.323	ng/ul	0.00
31) 4-Chloroaniline-d4	10.887	131	489131	31.703	ng/ul	0.00
46) Dimethylphthalate-d6	13.992	166	1340424	35.948	ng/ul	0.00
49) Acenaphthylene-d8	14.275	160	1517098	34.342	ng/ul	0.00
54) 4-Nitrophenol-d4	14.775	143	241751	35.749	ng/ul	0.01
60) Fluorene-d10	15.575	176	1139485	36.326	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.692	200	250308	39.640	ng/ul	0.00
73) Anthracene-d10	17.433	188	1841405	36.081	ng/ul	0.00
81) Pyrene-d10	19.663	212	2275115	37.499	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.715	264	2114023	37.512	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.411	88	44072	13.338	ng/uL#	17
5) Pyridine	3.805	79	317271	34.027	ng/ul#	37
6) Benzaldehyde	7.081	77	280883	36.063	ng/ul	97
8) Phenol	7.134	94	465825	36.644	ng/ul#	90
10) Bis(2-Chloroethyl)ether	7.369	93	362143	36.572	ng/ul#	79
12) 2-Chlorophenol	7.510	128	354671	36.723	ng/ul	96
13) 2-Methylphenol	8.393	108	359972	36.314	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.481	45	542180	37.042	ng/ul#	84
16) Acetophenone	8.775	105	597455	35.768	ng/ul#	80
17) N-Nitroso-di-n-propyla...	8.763	70	319171	36.856	ng/ul#	73
18) 4-Methylphenol	8.722	108	392795	36.591	ng/ul	94
19) Hexachloroethane	9.034	117	147355	36.137	ng/ul	84
22) Nitrobenzene	9.151	77	459952	37.950	ng/ul#	84
23) Isophorone	9.681	82	908502	36.377	ng/ul	97
25) 2-Nitrophenol	9.863	139	219898	39.827	ng/ul#	86
26) 2,4-Dimethylphenol	9.928	107	465433	35.522	ng/ul#	79
27) Bis(2-Chloroethoxy)met...	10.163	93	528914	36.072	ng/ul#	97
29) 2,4-Dichlorophenol	10.404	162	386025	36.757	ng/ul#	84
30) Naphthalene	10.804	128	1217309	36.149	ng/ul	97
32) 4-Chloroaniline	10.910	127	487015	31.897	ng/ul	96
33) Hexachlorobutadiene	11.104	225	268629	35.515	ng/ul	95
34) Caprolactam	11.681	113	109707m	31.588	ng/ul	
35) 4-Chloro-3-methylphenol	12.034	107	468935	36.851	ng/ul#	70
36) 2-Methylnaphthalene	12.410	142	874707	35.554	ng/ul	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.628	142	901783	36.302	ng/ul#	95
39) 1,2,4,5-Tetrachloroben...	12.781	216	516786	35.583	ng/ul	94
40) Hexachlorocyclopentadiene	12.769	237	317454	31.498	ng/ul	94
41) 2,4,6-Trichlorophenol	13.016	196	326917	35.247	ng/ul#	83
42) 2,4,5-Trichlorophenol	13.087	196	349741	34.893	ng/ul#	87
43) 1,1'-Biphenyl	13.422	154	1249320	36.070	ng/ul	93
44) 2-Chloronaphthalene	13.457	162	960527	36.078	ng/ul	93
45) 2-Nitroaniline	13.657	65	324362	41.572	ng/ul#	80
47) Dimethylphthalate	14.039	163	1301434	36.263	ng/ul#	92
48) 2,6-Dinitrotoluene	14.151	165	277866	42.092	ng/ul	96
50) Acenaphthylene	14.304	152	1586612	36.394	ng/ul	95
51) 3-Nitroaniline	14.481	138	257756	37.559	ng/ul#	82
52) Acenaphthene	14.645	153	1034357	36.237	ng/ul	97
53) 2,4-Dinitrophenol	14.686	184	135719	34.013	ng/ul#	82
55) 4-Nitrophenol	14.792	109	216524	34.783	ng/ul#	49
56) Dibenzofuran	14.981	168	1511911	35.989	ng/ul	98
57) 2,4-Dinitrotoluene	14.939	165	409916	42.288	ng/ul#	82
58) 2,3,4,6-Tetrachlorophenol	15.204	232	341486	37.366	ng/ul#	84
59) Diethylphthalate	15.404	149	1361619	36.660	ng/ul	93
61) Fluorene	15.633	166	1256612	36.315	ng/ul	91
62) 4-Chlorophenyl-phenyle...	15.622	204	661554	35.956	ng/ul	97
63) 4-Nitroaniline	15.645	138	283475	41.240	ng/ul#	79
66) 4,6-Dinitro-2-methylph...	15.704	198	243422	38.782	ng/ul#	89
67) N-Nitrosodiphenylamine	15.833	169	1116361	36.587	ng/ul	94
68) 4-Bromophenyl-phenylether	16.522	248	416638	36.110	ng/ul	92
69) Hexachlorobenzene	16.639	284	480891	36.246	ng/ul#	89
70) Atrazine	16.792	200	454133	36.058	ng/ul	91
71) Pentachlorophenol	16.986	266	298708	33.262	ng/ul#	84
72) Phenanthrene	17.375	178	2095590	36.832	ng/ul	99
74) Anthracene	17.469	178	2130135	36.927	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.387	216	554238	35.964	ng/uL#	86
76) Pentachlorobenzene	14.904	250	539415	35.910	ng/uL	91
77) Carbazole	17.733	167	1901687	36.479	ng/ul#	96
78) Di-n-butylphthalate	18.286	149	2416305	37.693	ng/ul#	93
80) Fluoranthene	19.339	202	2615330	37.451	ng/ul#	95
82) Pyrene	19.692	202	2695885	38.076	ng/ul#	94
83) Butylbenzylphthalate	20.557	149	1150300	39.603	ng/ul#	80
84) 3,3'-Dichlorobenzidine	21.327	252	858953	36.285	ng/ul#	96
85) Benzo(a)anthracene	21.398	228	2627602	37.311	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.321	149	1687178	38.617	ng/ul#	82
87) Chrysene	21.457	228	2559257	37.666	ng/ul	99
89) Di-n-octyl phthalate	22.268	149	2909796	38.378	ng/ul	100
90) Benzo(b)fluoranthene	23.121	252	2662261	37.028	ng/ul	99
91) Benzo(k)fluoranthene	23.174	252	2619409	39.925	ng/ul#	98
93) Benzo(a)pyrene	23.768	252	2544206	38.175	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.445	276	2646491	37.974	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.462	278	2300457	38.067	ng/ul#	96
96) Benzo(g,h,i)perylene	27.233	276	2251944	39.189	ng/ul	92

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

