

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041822\
 Data File : BP009946.D
 Acq On : 19 Apr 2022 08:58
 Operator : CG/JU
 Sample : PB144145BS
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS145

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 04/20/2022
 Supervised By :Yogesh Patel 04/22/2022

Quant Time: Apr 20 00:58:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP040722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Apr 18 00:59:30 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	134599	20.000	ng/u1	0.00
20) Naphthalene-d8	10.757	136	613020	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.581	164	430755	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.334	188	932200	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.416	240	910123	20.000	ng/u1	0.00
88) Perylene-d12	23.880	264	822549	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	17313	5.741	ng/uL	0.00
4) Pyridine-d5	3.793	84	219596	26.409	ng/u1	0.00
7) Phenol-d5	7.111	99	360712	30.525	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.275	67	227830m	32.385	ng/u1	0.00
11) 2-Chlorophenol-d4	7.481	132	292812	32.850	ng/u1	0.00
15) 4-Methylphenol-d8	8.657	113	307904	31.213	ng/u1	0.00
21) Nitrobenzene-d5	9.110	128	152000	34.384	ng/u1	0.00
24) 2-Nitrophenol-d4	9.834	143	139618	28.807	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.375	165	320810	31.632	ng/u1	0.00
31) 4-Chloroaniline-d4	10.887	131	342817	23.733	ng/u1	0.00
46) Dimethylphthalate-d6	13.993	166	1085273	32.074	ng/u1	0.00
49) Acenaphthylene-d8	14.275	160	1222241	30.490	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.769	143	125556	20.461	ng/u1	0.00
60) Fluorene-d10	15.575	176	919584	32.306	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.687	200	103863	18.808	ng/u1	0.00
73) Anthracene-d10	17.433	188	1450161	32.491	ng/u1	0.00
81) Pyrene-d10	19.663	212	1796316	36.138	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.721	264	1427083	33.315	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.411	88	33196	10.797	ng/uL#	23
5) Pyridine	3.811	79	223273	25.735	ng/u1#	38
6) Benzaldehyde	7.081	77	231170	31.898	ng/u1	97
8) Phenol	7.134	94	373385	31.567	ng/u1#	92
10) Bis(2-Chloroethyl)ether	7.369	93	288301	31.290	ng/u1#	78
12) 2-Chlorophenol	7.516	128	289096	32.170	ng/u1	92
13) 2-Methylphenol	8.393	108	289758	31.415	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.481	45	425905	31.272	ng/u1#	86
16) Acetophenone	8.775	105	483799	31.128	ng/u1#	79
17) N-Nitroso-di-n-propyla...	8.763	70	239911	29.774	ng/u1#	74
18) 4-Methylphenol	8.722	108	308690	30.905	ng/u1	96
19) Hexachloroethane	9.040	117	111133	29.290	ng/u1	86
22) Nitrobenzene	9.152	77	374281	32.985	ng/u1#	82
23) Isophorone	9.681	82	712941	30.491	ng/u1#	96
25) 2-Nitrophenol	9.863	139	146397	28.321	ng/u1#	86
26) 2,4-Dimethylphenol	9.928	107	366901	29.910	ng/u1#	80
27) Bis(2-Chloroethoxy)met...	10.163	93	404468	29.464	ng/u1#	97
29) 2,4-Dichlorophenol	10.404	162	312686	31.802	ng/u1#	84
30) Naphthalene	10.804	128	1002981	31.813	ng/u1	97
32) 4-Chloroaniline	10.910	127	323686	22.644	ng/u1	98
33) Hexachlorobutadiene	11.104	225	217189	30.671	ng/u1	98
34) Caprolactam	11.704	113	66409m	20.423	ng/u1	
35) 4-Chloro-3-methylphenol	12.034	107	348014	29.211	ng/u1#	69
36) 2-Methylnaphthalene	12.410	142	723047	31.392	ng/u1	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.634	142	739172	31.783	ng/ul#	94
39) 1,2,4,5-Tetrachloroben...	12.781	216	423041	32.100	ng/ul	94
40) Hexachlorocyclopentadiene	12.769	237	174621	19.094	ng/ul	96
41) 2,4,6-Trichlorophenol	13.016	196	268149	31.860	ng/ul#	82
42) 2,4,5-Trichlorophenol	13.087	196	274678	30.200	ng/ul#	87
43) 1,1'-Biphenyl	13.416	154	1012007	32.199	ng/ul	94
44) 2-Chloronaphthalene	13.457	162	784423	32.469	ng/ul	94
45) 2-Nitroaniline	13.657	65	226092	31.934	ng/ul#	79
47) Dimethylphthalate	14.040	163	1036668	31.832	ng/ul#	92
48) 2,6-Dinitrotoluene	14.151	165	207437	34.629	ng/ul	95
50) Acenaphthylene	14.304	152	1259031	31.826	ng/ul	96
51) 3-Nitroaniline	14.481	138	164558	26.425	ng/ul#	82
52) Acenaphthene	14.645	153	824487	31.831	ng/ul	97
53) 2,4-Dinitrophenol	14.681	184	44259	12.223	ng/ul#	77
55) 4-Nitrophenol	14.787	109	113197	20.039	ng/ul#	52
56) Dibenzofuran	14.981	168	1212536	31.807	ng/ul	98
57) 2,4-Dinitrotoluene	14.940	165	286313	32.550	ng/ul#	84
58) 2,3,4,6-Tetrachlorophenol	15.204	232	267471	32.253	ng/ul#	86
59) Diethylphthalate	15.404	149	1077502	31.970	ng/ul	93
61) Fluorene	15.634	166	969947	30.890	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.622	204	523915	31.380	ng/ul	97
63) 4-Nitroaniline	15.639	138	156711	25.124	ng/ul#	78
66) 4,6-Dinitro-2-methylph...	15.704	198	102172	18.613	ng/ul#	92
67) N-Nitrosodiphenylamine	15.834	169	796526	29.849	ng/ul	94
68) 4-Bromophenyl-phenylether	16.522	248	329323	32.636	ng/ul	93
69) Hexachlorobenzene	16.645	284	389653	33.582	ng/ul#	91
70) Atrazine	16.792	200	312363	28.359	ng/ul#	89
71) Pentachlorophenol	16.981	266	217382	27.678	ng/ul	87
72) Phenanthrene	17.375	178	1625173	32.661	ng/ul	99
74) Anthracene	17.469	178	1627751	32.265	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.387	216	452775	33.595	ng/ul#	87
76) Pentachlorobenzene	14.904	250	440132	33.504	ng/ul	90
77) Carbazole	17.733	167	1321307	28.982	ng/ul#	96
78) Di-n-butylphthalate	18.286	149	1858652	33.153	ng/ul#	93
80) Fluoranthene	19.339	202	2033551	35.543	ng/ul#	95
82) Pyrene	19.692	202	2060201	35.516	ng/ul#	93
83) Butylbenzylphthalate	20.563	149	776328	32.623	ng/ul#	78
84) 3,3'-Dichlorobenzidine	21.327	252	231952	11.960	ng/ul#	95
85) Benzo(a)anthracene	21.404	228	1827373	31.672	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.327	149	1224081	34.198	ng/ul#	82
87) Chrysene	21.457	228	1786633	32.095	ng/ul	98
89) Di-n-octyl phthalate	22.274	149	1954776	33.919	ng/ul	100
90) Benzo(b)fluoranthene	23.127	252	1782787	32.622	ng/ul	99
91) Benzo(k)fluoranthene	23.180	252	1664491	33.378	ng/ul#	98
93) Benzo(a)pyrene	23.774	252	1604586	31.675	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.451	276	1524825	28.785	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.468	278	1216368	26.481	ng/ul#	96
96) Benzo(g,h,i)perylene	27.245	276	1382680	31.656	ng/ul	93

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

