

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122222\
 Data File : BP013266.D
 Acq On : 23 Dec 2022 03:35
 Operator : CG/JU
 Sample : PB149781BS
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS781

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2022
 Supervised By :mohammad ahmed 12/23/2022

Quant Time: Dec 23 04:18:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 22 22:43:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	548106	20.000	ng/u1	0.00
20) Naphthalene-d8	10.757	136	2067581	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.587	164	1144100	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.345	188	2417045	20.000	ng/u1	-0.01
79) Chrysene-d12	21.439	240	2735201	20.000	ng/u1	0.00
88) Perylene-d12	23.916	264	3267572	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	75597	5.897	ng/uL	0.00
4) Pyridine-d5	3.758	84	1070647	29.401	ng/u1	0.00
7) Phenol-d5	7.111	99	1372046	30.733	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.275	67	827858	30.740	ng/u1	0.00
11) 2-Chlorophenol-d4	7.475	132	1109452	31.568	ng/u1	0.00
15) 4-Methylphenol-d8	8.663	113	1029707	28.149	ng/u1	0.00
21) Nitrobenzene-d5	9.116	128	516175	33.979	ng/u1	0.00
24) 2-Nitrophenol-d4	9.840	143	590018	34.499	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.381	165	1065370	32.071	ng/u1	0.00
31) 4-Chloroaniline-d4	10.899	131	1240907	26.461	ng/u1	0.00
46) Dimethylphthalate-d6	13.998	166	2617127	29.764	ng/u1	0.00
49) Acenaphthylene-d8	14.281	160	3123887	32.332	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.792	143	506353	32.014	ng/u1	0.00
60) Fluorene-d10	15.581	176	2261762	30.405	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.704	200	436493	28.063	ng/u1	0.00
73) Anthracene-d10	17.445	188	3576111	32.795	ng/u1	-0.01
81) Pyrene-d10	19.680	212	4648946	29.611	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.757	264	5359291	32.905	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.370	88	159465	11.916	ng/uL#	92
5) Pyridine	3.781	79	1108903	30.640	ng/u1	98
6) Benzaldehyde	7.081	77	867056	49.599	ng/u1	97
8) Phenol	7.134	94	1423919	31.545	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.363	93	1128064	30.448	ng/u1	97
12) 2-Chlorophenol	7.511	128	1149113	31.884	ng/u1	97
13) 2-Methylphenol	8.393	108	1057410	30.047	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.475	45	1639965	32.258	ng/u1	98
16) Acetophenone	8.775	105	1651262	29.440	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.763	70	823868	29.210	ng/u1	96
18) 4-Methylphenol	8.722	108	1120845	28.755	ng/u1	94
19) Hexachloroethane	9.028	117	445561	30.937	ng/u1	98
22) Nitrobenzene	9.157	77	1233474	34.602	ng/u1	98
23) Isophorone	9.687	82	2237201	31.038	ng/u1	98
25) 2-Nitrophenol	9.869	139	631182	34.062	ng/u1	92
26) 2,4-Dimethylphenol	9.928	107	1126445	31.155	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.163	93	1407812	30.546	ng/u1	100
29) 2,4-Dichlorophenol	10.404	162	1067341	32.801	ng/u1	99
30) Naphthalene	10.810	128	3439137	31.805	ng/u1	100
32) 4-Chloroaniline	10.922	127	1261179	27.176	ng/u1	100
33) Hexachlorobutadiene	11.093	225	759601	33.998	ng/u1	97
34) Caprolactam	11.710	113	294302m	26.525	ng/u1	
35) 4-Chloro-3-methylphenol	12.046	107	992964	29.901	ng/u1	99
36) 2-Methylnaphthalene	12.416	142	2218238	29.903	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.634	142	2200265	28.841	ng/u1	100
39) 1,2,4,5-Tetrachloroben...	12.781	216	1336149	36.269	ng/u1	99
40) Hexachlorocyclopentadiene	12.757	237	369951	15.431	ng/u1	99
41) 2,4,6-Trichlorophenol	13.022	196	828408	34.989	ng/u1	99
42) 2,4,5-Trichlorophenol	13.098	196	882274	34.692	ng/u1	100
43) 1,1'-Biphenyl	13.422	154	2866375	33.359	ng/u1	99
44) 2-Chloronaphthalene	13.463	162	2302164	34.042	ng/u1	100
45) 2-Nitroaniline	13.675	65	630066	38.427	ng/u1	98
47) Dimethylphthalate	14.045	163	2661076	30.534	ng/u1	99
48) 2,6-Dinitrotoluene	14.169	165	539346	33.301	ng/u1	98
50) Acenaphthylene	14.310	152	3437412	33.092	ng/u1	100
51) 3-Nitroaniline	14.498	138	566203	37.023	ng/u1	100
52) Acenaphthene	14.651	153	2322692	32.268	ng/u1	100
53) 2,4-Dinitrophenol	14.704	184	282517	25.519	ng/u1	98
55) 4-Nitrophenol	14.804	109	379355	35.151	ng/u1	95
56) Dibenzofuran	14.987	168	3255512	31.810	ng/u1	100
57) 2,4-Dinitrotoluene	14.951	165	766770	32.592	ng/u1	95
58) 2,3,4,6-Tetrachlorophenol	15.216	232	754016	32.489	ng/u1	96
59) Diethylphthalate	15.404	149	2471540	29.173	ng/u1	99
61) Fluorene	15.640	166	2596988	31.640	ng/u1	98
62) 4-Chlorophenyl-phenyle...	15.628	204	1364712	31.441	ng/u1	99
63) 4-Nitroaniline	15.663	138	608288	45.201	ng/u1	94
66) 4,6-Dinitro-2-methylph...	15.722	198	436364	28.708	ng/u1	100
67) N-Nitrosodiphenylamine	15.845	169	2175331	32.462	ng/u1	100
68) 4-Bromophenyl-phenylether	16.528	248	841928	32.075	ng/u1	98
69) Hexachlorobenzene	16.645	284	1001933	32.147	ng/u1	98
70) Atrazine	16.804	200	798085	30.562	ng/u1	99
71) Pentachlorophenol	16.992	266	654965	34.700	ng/u1	98
72) Phenanthrene	17.392	178	4164481	33.079	ng/u1	99
74) Anthracene	17.481	178	4238537	33.718	ng/u1	100
75) 1,2,3,4-Tetrachloroben...	13.387	216	1309357	37.969	ng/uL	99
76) Pentachlorobenzene	14.904	250	1174810	33.414	ng/uL	99
77) Carbazole	17.751	167	3939911	37.217	ng/u1	100
78) Di-n-butylphthalate	18.292	149	4156998	32.250	ng/u1	100
80) Fluoranthene	19.351	202	5450097	30.585	ng/u1	100
82) Pyrene	19.710	202	5756465	31.317	ng/u1	98
83) Butylbenzylphthalate	20.569	149	2222937	31.304	ng/u1	97
84) 3,3'-Dichlorobenzidine	21.351	252	2146918	34.745	ng/u1	100
85) Benzo(a)anthracene	21.422	228	6253958	34.443	ng/u1	100
86) Bis(2-ethylhexyl)phtha...	21.327	149	3238148	32.327	ng/u1	99
87) Chrysene	21.474	228	5840412	34.013	ng/u1	100
89) Di-n-octyl phthalate	22.280	149	6028245	32.931	ng/u1	100
90) Benzo(b)fluoranthene	23.157	252	6731713	32.307	ng/u1	100
91) Benzo(k)fluoranthene	23.210	252	6692262	32.390	ng/u1	99
93) Benzo(a)pyrene	23.810	252	6039847	33.291	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.515	276	7951290	35.184	ng/u1	99
95) Dibenzo(a,h)anthracene	26.533	278	6757628	36.116	ng/u1	100
96) Benzo(g,h,i)perylene	27.315	276	6585659	36.299	ng/u1	98

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

