

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082422\
 Data File : BP011564.D
 Acq On : 25 Aug 2022 16:07
 Operator : CG/JU
 Sample : PB147282BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS282

Quant Time: Aug 26 01:05:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 25 02:14:54 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/26/2022
 Supervised By :mohammad ahmed 08/27/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.552	152	84667	20.000	ng/u1	0.00
20) Naphthalene-d8	10.340	136	362883	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.228	164	216084	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.004	188	442007	20.000	ng/u1	0.01
79) Chrysene-d12	21.139	240	442986	20.000	ng/u1	0.01
88) Perylene-d12	23.433	264	441093	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.064	96	17335	6.354	ng/uL	0.00
4) Pyridine-d5	3.469	84	210736	30.168	ng/u1	0.00
7) Phenol-d5	6.740	99	241815	31.079	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.905	67	154612	30.587	ng/u1	0.00
11) 2-Chlorophenol-d4	7.087	132	191762	33.510	ng/u1	0.00
15) 4-Methylphenol-d8	8.281	113	192590	30.926	ng/u1	0.00
21) Nitrobenzene-d5	8.722	128	91580	35.055	ng/u1	0.00
24) 2-Nitrophenol-d4	9.434	143	96724	36.379	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.969	165	173450	35.341	ng/u1	0.00
31) 4-Chloroaniline-d4	10.499	131	208216	25.486	ng/u1	0.00
46) Dimethylphthalate-d6	13.657	166	526834	34.471	ng/u1	0.00
49) Acenaphthylene-d8	13.922	160	601865	35.433	ng/u1	0.01
54) 4-Nitrophenol-d4	14.469	143	100561	34.151	ng/u1	0.01
60) Fluorene-d10	15.234	176	440050	34.225	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.375	200	83809	35.090	ng/u1	0.00
73) Anthracene-d10	17.104	188	683655	34.923	ng/u1	0.01
81) Pyrene-d10	19.369	212	752255	33.564	ng/u1	0.01
92) Benzo(a)pyrene-d12	23.286	264	758898	35.369	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.099	88	37640	13.231	ng/uL	98
5) Pyridine	3.493	79	230021	32.989	ng/u1	97
6) Benzaldehyde	6.705	77	88290	24.727	ng/u1	98
8) Phenol	6.763	94	249869	31.251	ng/u1	96
10) Bis(2-Chloroethyl)ether	6.993	93	192454	30.856	ng/u1	97
12) 2-Chlorophenol	7.116	128	203573	33.059	ng/u1	97
13) 2-Methylphenol	8.010	108	184168	31.266	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.093	45	287381m	31.102	ng/u1	
16) Acetophenone	8.387	105	317444	30.642	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.375	70	165076	32.035	ng/u1	97
18) 4-Methylphenol	8.340	108	202567	31.063	ng/u1	92
19) Hexachloroethane	8.616	117	91459	32.743	ng/u1	99
22) Nitrobenzene	8.763	77	257372	34.951	ng/u1	97
23) Isophorone	9.293	82	439618	34.010	ng/u1	99
25) 2-Nitrophenol	9.469	139	111540	36.769	ng/u1	95
26) 2,4-Dimethylphenol	9.540	107	249062	34.579	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.781	93	261661	33.489	ng/u1	97
29) 2,4-Dichlorophenol	9.999	162	178620	35.562	ng/u1	99
30) Naphthalene	10.393	128	632348	33.003	ng/u1	99
32) 4-Chloroaniline	10.522	127	165530	19.556	ng/u1	98
33) Hexachlorobutadiene	10.669	225	112477	35.176	ng/u1	98
34) Caprolactam	11.328	113	59125m	32.465	ng/u1	
35) 4-Chloro-3-methylphenol	11.663	107	224775	35.396	ng/u1	98
36) 2-Methylnaphthalene	12.022	142	417771	33.513	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.245	142	420457	33.255	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.393	216	191499	34.916	ng/ul	95
40) Hexachlorocyclopentadiene	12.369	237	107222	31.512	ng/ul	98
41) 2,4,6-Trichlorophenol	12.651	196	128704	36.461	ng/ul	96
42) 2,4,5-Trichlorophenol	12.722	196	141136	35.918	ng/ul	97
43) 1,1'-Biphenyl	13.057	154	556299	34.551	ng/ul	98
44) 2-Chloronaphthalene	13.092	162	417738	34.430	ng/ul	99
45) 2-Nitroaniline	13.322	65	160461	38.750	ng/ul	98
47) Dimethylphthalate	13.704	163	546404	34.591	ng/ul	100
48) 2,6-Dinitrotoluene	13.828	165	106207	37.398	ng/ul	97
50) Acenaphthylene	13.951	152	706352	35.003	ng/ul	99
51) 3-Nitroaniline	14.157	138	112603	36.402	ng/ul	99
52) Acenaphthene	14.292	153	467459	34.585	ng/ul	99
53) 2,4-Dinitrophenol	14.369	184	63744	36.672	ng/ul	96
55) 4-Nitrophenol	14.481	109	130735	37.263	ng/ul	88
56) Dibenzofuran	14.634	168	635233	34.081	ng/ul	99
57) 2,4-Dinitrotoluene	14.622	165	160732	37.807	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.869	232	110793	35.913	ng/ul	99
59) Diethylphthalate	15.086	149	613194	35.443	ng/ul	99
61) Fluorene	15.292	166	528210	34.640	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.292	204	242167	35.155	ng/ul	94
63) 4-Nitroaniline	15.334	138	129345m	43.289	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.392	198	87287	35.330	ng/ul	99
67) N-Nitrosodiphenylamine	15.516	169	453146	34.944	ng/ul	98
68) 4-Bromophenyl-phenylether	16.198	248	140079	35.502	ng/ul	97
69) Hexachlorobenzene	16.298	284	162318	35.696	ng/ul	100
70) Atrazine	16.486	200	33020	6.823	ng/ul	97
71) Pentachlorophenol	16.651	266	96921	34.374	ng/ul	98
72) Phenanthrene	17.051	178	817038	34.151	ng/ul	99
74) Anthracene	17.139	178	842405	34.902	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.010	216	189866	33.416	ng/uL	98
76) Pentachlorobenzene	14.551	250	185603	34.426	ng/uL	99
77) Carbazole	17.422	167	777979	34.268	ng/ul	98
78) Di-n-butylphthalate	17.998	149	1043197	37.314	ng/ul	100
80) Fluoranthene	19.039	202	945615	34.308	ng/ul	99
82) Pyrene	19.398	202	989047	34.151	ng/ul	96
83) Butylbenzylphthalate	20.298	149	489559	37.683	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.063	252	257378	30.691	ng/ul	99
85) Benzo(a)anthracene	21.121	228	941820	34.896	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.063	149	723575	37.636	ng/ul	99
87) Chrysene	21.174	228	924735	34.880	ng/ul	99
89) Di-n-octyl phthalate	21.957	149	1237735	34.908	ng/ul	100
90) Benzo(b)fluoranthene	22.733	252	964186	35.141	ng/ul	99
91) Benzo(k)fluoranthene	22.780	252	926066	35.368	ng/ul	98
93) Benzo(a)pyrene	23.333	252	947291	35.363	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.804	276	1061993	35.543	ng/ul	99
95) Dibenzo(a,h)anthracene	25.821	278	907699	35.281	ng/ul	98
96) Benzo(g,h,i)perylene	26.527	276	806888	31.747	ng/ul	99

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

