

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081122\
 Data File : BP011393.D
 Acq On : 11 Aug 2022 18:30
 Operator : CG/JU
 Sample : PB146871BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS871

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/12/2022
 Supervised By :Sohil Jodhani 08/13/2022

Quant Time: Aug 11 22:47:44 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP080822.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 08 18:47:19 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.581	152	90503	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.369	136	397145	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.257	164	235343	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.028	188	481867	20.000	ng/u1	-0.01
79) Chrysene-d12	21.157	240	470427	20.000	ng/u1	-0.01
88) Perylene-d12	23.469	264	457482	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.081	96	17279m	5.853	ng/uL	0.00
4) Pyridine-d5	3.487	84	214829	28.848	ng/u1	-0.01
7) Phenol-d5	6.764	99	260115	32.477	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	6.928	67	174175	30.670	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.111	132	211503	33.656	ng/u1	-0.01
15) 4-Methylphenol-d8	8.305	113	205976	32.753	ng/u1	-0.01
21) Nitrobenzene-d5	8.746	128	99415	36.781	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.463	143	103318	41.751	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	9.999	165	184744	36.968	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.522	131	261067	29.882	ng/u1	-0.01
46) Dimethylphthalate-d6	13.681	166	596172	36.509	ng/u1	0.00
49) Acenaphthylene-d8	13.946	160	693528	35.282	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.487	143	107784	36.139	ng/u1	0.00
60) Fluorene-d10	15.257	176	481136	34.454	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.393	200	86108	38.472	ng/u1	0.00
73) Anthracene-d10	17.128	188	736515	34.005	ng/u1	-0.01
81) Pyrene-d10	19.392	212	849810	32.789	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.322	264	827355	35.861	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.117	88	36287	11.572	ng/uL	90
5) Pyridine	3.511	79	216349	27.891	ng/u1	88
6) Benzaldehyde	6.734	77	157311	45.068	ng/u1	99
8) Phenol	6.793	94	264504	30.510	ng/u1	90
10) Bis(2-Chloroethyl)ether	7.022	93	210384	30.132	ng/u1	97
12) 2-Chlorophenol	7.146	128	217235	33.174	ng/u1	97
13) 2-Methylphenol	8.034	108	194415	31.138	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.122	45	315482	30.126	ng/u1#	95
16) Acetophenone	8.411	105	333837	32.811	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.405	70	178819	35.676	ng/u1	98
18) 4-Methylphenol	8.369	108	213163	31.852	ng/u1	100
19) Hexachloroethane	8.646	117	96886	35.041	ng/u1	98
22) Nitrobenzene	8.787	77	267985	35.418	ng/u1	99
23) Isophorone	9.316	82	488645	35.207	ng/u1	99
25) 2-Nitrophenol	9.493	139	113727	39.434	ng/u1#	87
26) 2,4-Dimethylphenol	9.563	107	237996	32.660	ng/u1	92
27) Bis(2-Chloroethoxy)met...	9.805	93	281561	31.744	ng/u1	98
29) 2,4-Dichlorophenol	10.028	162	180197	34.481	ng/u1	98
30) Naphthalene	10.422	128	677475	31.354	ng/u1	100
32) 4-Chloroaniline	10.546	127	241689	27.599	ng/u1	97
33) Hexachlorobutadiene	10.699	225	114628	35.754	ng/u1	99
34) Caprolactam	11.346	113	65822m	37.664	ng/u1	
35) 4-Chloro-3-methylphenol	11.687	107	229248	37.310	ng/u1	97
36) 2-Methylnaphthalene	12.046	142	444981	33.224	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.269	142	447967	32.974	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.422	216	197682	31.906	ng/ul	96
40) Hexachlorocyclopentadiene	12.393	237	95071	28.635	ng/ul	99
41) 2,4,6-Trichlorophenol	12.675	196	131708	35.134	ng/ul	98
42) 2,4,5-Trichlorophenol	12.746	196	145400	36.340	ng/ul	98
43) 1,1'-Biphenyl	13.081	154	575926	31.164	ng/ul	98
44) 2-Chloronaphthalene	13.116	162	432666	31.204	ng/ul	95
45) 2-Nitroaniline	13.340	65	160133	45.472	ng/ul	97
47) Dimethylphthalate	13.728	163	590600	35.709	ng/ul	99
48) 2,6-Dinitrotoluene	13.851	165	113623	43.938	ng/ul	98
50) Acenaphthylene	13.975	152	739355	32.631	ng/ul	100
51) 3-Nitroaniline	14.181	138	119888	42.144	ng/ul	93
52) Acenaphthene	14.322	153	490901	32.485	ng/ul	96
53) 2,4-Dinitrophenol	14.393	184	56149	36.595	ng/ul#	89
55) 4-Nitrophenol	14.498	109	118768	42.927	ng/ul#	75
56) Dibenzofuran	14.657	168	663626	32.393	ng/ul	92
57) 2,4-Dinitrotoluene	14.645	165	169698	42.812	ng/ul	88
58) 2,3,4,6-Tetrachlorophenol	14.893	232	116776	37.518	ng/ul#	95
59) Diethylphthalate	15.110	149	661347	38.599	ng/ul	99
61) Fluorene	15.316	166	560435	33.684	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.316	204	248598	34.182	ng/ul	88
63) 4-Nitroaniline	15.357	138	132443m	47.846	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.410	198	89316	38.754	ng/ul#	94
67) N-Nitrosodiphenylamine	15.540	169	477021	33.594	ng/ul	99
68) 4-Bromophenyl-phenylether	16.216	248	143900	33.747	ng/ul#	88
69) Hexachlorobenzene	16.322	284	168662	33.857	ng/ul	96
70) Atrazine	16.510	200	140201	29.622	ng/ul	95
71) Pentachlorophenol	16.675	266	98609	34.097	ng/ul	99
72) Phenanthrene	17.069	178	882207	32.651	ng/ul	99
74) Anthracene	17.163	178	888245	33.022	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.040	216	198555	28.702	ng/uL	98
76) Pentachlorobenzene	14.575	250	193655	32.144	ng/uL	99
77) Carbazole	17.445	167	839653	33.405	ng/ul	98
78) Di-n-butylphthalate	18.016	149	1130731	41.140	ng/ul	100
80) Fluoranthene	19.063	202	1027343	32.566	ng/ul	94
82) Pyrene	19.422	202	1055273	31.693	ng/ul#	92
83) Butylbenzylphthalate	20.322	149	512103	48.263	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.086	252	320910	37.483	ng/ul	100
85) Benzo(a)anthracene	21.145	228	994708	32.959	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.086	149	774091	45.445	ng/ul	98
87) Chrysene	21.198	228	985178	32.975	ng/ul	99
89) Di-n-octyl phthalate	21.986	149	1306618	41.164	ng/ul	100
90) Benzo(b)fluoranthene	22.769	252	1049175	34.845	ng/ul	98
91) Benzo(k)fluoranthene	22.816	252	963287	32.699	ng/ul	97
93) Benzo(a)pyrene	23.369	252	1008477	34.726	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.851	276	1111092	34.609	ng/ul	94
95) Dibenzo(a,h)anthracene	25.868	278	954954	34.975	ng/ul#	95
96) Benzo(g,h,i)perylene	26.580	276	945575	34.905	ng/ul	95

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

