

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062022\
 Data File : BP010766.D
 Acq On : 20 Jun 2022 17:58
 Operator : CG/JU
 Sample : PB145601BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS601

Quant Time: Jun 21 00:46:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062022.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 20 16:18:42 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/21/2022
 Supervised By :mohammad ahmed 06/27/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	137624	20.000	ng/u1	0.00
20) Naphthalene-d8	10.616	136	516102	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.457	164	322045	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.216	188	676281	20.000	ng/u1	0.00
79) Chrysene-d12	21.310	240	758941	20.000	ng/u1	0.00
88) Perylene-d12	23.698	264	824558	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	18067	5.642	ng/uL	0.00
4) Pyridine-d5	3.693	84	246518	29.601	ng/u1	0.00
7) Phenol-d5	6.999	99	303573	30.400	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.152	67	184431	30.333	ng/u1	0.00
11) 2-Chlorophenol-d4	7.352	132	268182	31.553	ng/u1	0.00
15) 4-Methylphenol-d8	8.540	113	247900	30.723	ng/u1	0.00
21) Nitrobenzene-d5	8.981	128	125736	32.813	ng/u1	0.00
24) 2-Nitrophenol-d4	9.699	143	139065	33.874	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.246	165	253084	33.271	ng/u1	0.00
31) 4-Chloroaniline-d4	10.757	131	329578	30.760	ng/u1	0.00
46) Dimethylphthalate-d6	13.869	166	733078	33.156	ng/u1	0.00
49) Acenaphthylene-d8	14.151	160	874337	32.653	ng/u1	0.00
54) 4-Nitrophenol-d4	14.681	143	108889	33.339	ng/u1	0.00
60) Fluorene-d10	15.451	176	649909	33.068	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.586	200	134543	33.345	ng/u1	0.00
73) Anthracene-d10	17.310	188	1011355m	32.976	ng/u1	0.00
81) Pyrene-d10	19.551	212	1229170	32.579	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.545	264	1384108	33.711	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	40866	12.309	ng/uL#	82
5) Pyridine	3.711	79	270201	31.370	ng/u1#	68
6) Benzaldehyde	6.957	77	207408	45.196	ng/u1	94
8) Phenol	7.022	94	349275	32.685	ng/u1#	86
10) Bis(2-Chloroethyl)ether	7.246	93	273862	32.445	ng/u1#	83
12) 2-Chlorophenol	7.381	128	292959	33.349	ng/u1#	88
13) 2-Methylphenol	8.269	108	254183	32.094	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.346	45	317795	32.049	ng/u1#	93
16) Acetophenone	8.646	105	418062	33.437	ng/u1#	88
17) N-Nitroso-di-n-propyla...	8.628	70	200059	34.176	ng/u1#	86
18) 4-Methylphenol	8.599	108	278011	32.849	ng/u1	97
19) Hexachloroethane	8.893	117	118132	33.125	ng/u1	93
22) Nitrobenzene	9.022	77	305025	34.579	ng/u1#	90
23) Isophorone	9.551	82	548009	35.060	ng/u1	98
25) 2-Nitrophenol	9.734	139	162189	35.920	ng/u1#	80
26) 2,4-Dimethylphenol	9.799	107	300346	33.450	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.028	93	343996	34.063	ng/u1	98
29) 2,4-Dichlorophenol	10.269	162	275044	35.261	ng/u1	95
30) Naphthalene	10.663	128	909494	33.727	ng/u1	99
32) 4-Chloroaniline	10.781	127	349230	32.342	ng/u1	100
33) Hexachlorobutadiene	10.951	225	199304	34.114	ng/u1	95
34) Caprolactam	11.575	113	82055m	36.678	ng/u1	
35) 4-Chloro-3-methylphenol	11.922	107	278219	37.502	ng/u1	93
36) 2-Methylnaphthalene	12.275	142	614323	34.629	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.498	142	623086	34.771	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.651	216	358818	33.890	ng/ul	96
40) Hexachlorocyclopentadiene	12.628	237	148139	30.274	ng/ul	95
41) 2,4,6-Trichlorophenol	12.898	196	215410	35.425	ng/ul	99
42) 2,4,5-Trichlorophenol	12.975	196	225582	35.480	ng/ul	97
43) 1,1'-Biphenyl	13.292	154	824874	33.864	ng/ul	99
44) 2-Chloronaphthalene	13.328	162	638808	33.815	ng/ul	98
45) 2-Nitroaniline	13.545	65	157054	38.118	ng/ul#	75
47) Dimethylphthalate	13.922	163	779077	35.285	ng/ul	99
48) 2,6-Dinitrotoluene	14.039	165	161295	38.588	ng/ul#	83
50) Acenaphthylene	14.181	152	1019001	34.685	ng/ul	99
51) 3-Nitroaniline	14.375	138	150649	37.274	ng/ul#	87
52) Acenaphthene	14.522	153	666966	34.298	ng/ul	99
53) 2,4-Dinitrophenol	14.592	184	83115	34.820	ng/ul#	70
55) 4-Nitrophenol	14.698	109	87120	36.212	ng/ul#	76
56) Dibenzofuran	14.857	168	964506	34.667	ng/ul	91
57) 2,4-Dinitrotoluene	14.834	165	236491	39.315	ng/ul#	74
58) 2,3,4,6-Tetrachlorophenol	15.092	232	201702	37.946	ng/ul	94
59) Diethylphthalate	15.286	149	762703	36.434	ng/ul	98
61) Fluorene	15.510	166	785301	35.008	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.504	204	413330	35.160	ng/ul	92
63) 4-Nitroaniline	15.539	138	161322m	43.071	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.604	198	141985	35.463	ng/ul#	88
67) N-Nitrosodiphenylamine	15.722	169	678223	34.740	ng/ul	99
68) 4-Bromophenyl-phenylether	16.398	248	258520	34.718	ng/ul	92
69) Hexachlorobenzene	16.522	284	307202	34.097	ng/ul	92
70) Atrazine	16.681	200	248860	34.294	ng/ul	98
71) Pentachlorophenol	16.875	266	158654	34.272	ng/ul	97
72) Phenanthrene	17.257	178	1249026	34.724	ng/ul	99
74) Anthracene	17.351	178	1267408	34.971	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.257	216	373844	31.280	ng/uL	98
76) Pentachlorobenzene	14.781	250	363744	33.574	ng/uL	100
77) Carbazole	17.622	167	1118305	35.130	ng/ul	99
78) Di-n-butylphthalate	18.175	149	1269376	37.198	ng/ul	99
80) Fluoranthene	19.227	202	1541078	34.612	ng/ul	97
82) Pyrene	19.580	202	1599263	34.571	ng/ul	95
83) Butylbenzylphthalate	20.457	149	602181	37.196	ng/ul	88
84) 3,3'-Dichlorobenzidine	21.227	252	598233	38.424	ng/ul	98
85) Benzo(a)anthracene	21.292	228	1620620	35.235	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.216	149	895899	37.051	ng/ul	100
87) Chrysene	21.345	228	1632029	35.819	ng/ul	99
89) Di-n-octyl phthalate	22.133	149	1544388	34.828	ng/ul	100
90) Benzo(b)fluoranthene	22.974	252	1772497	34.536	ng/ul	99
91) Benzo(k)fluoranthene	23.021	252	1774236	36.919	ng/ul	99
93) Benzo(a)pyrene	23.598	252	1786499	35.520	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.192	276	2152744	35.062	ng/ul	96
95) Dibenzo(a,h)anthracene	26.204	278	1848264	35.220	ng/ul	98
96) Benzo(g,h,i)perylene	26.951	276	1837899	34.637	ng/ul	98

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

