

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080422\
 Data File : BP011268.D
 Acq On : 04 Aug 2022 17:14
 Operator : CG/JU
 Sample : PB146567BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS567

Quant Time: Aug 04 22:55:07 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP080222.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 02 23:52:37 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/05/2022
 Supervised By :Sohil Jodhani 08/10/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.599	152	170766	20.000	ng/u1	0.00
20) Naphthalene-d8	10.393	136	787288	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.275	164	474744	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.045	188	941592	20.000	ng/u1	0.00
79) Chrysene-d12	21.174	240	998943	20.000	ng/u1	0.00
88) Perylene-d12	23.486	264	957519	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.093	96	7466	3.535	ng/uL	0.00
4) Pyridine-d5	3.499	84	116676	20.481	ng/u1	0.00
7) Phenol-d5	6.787	99	466284	32.765	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.946	67	338385	32.952	ng/u1	0.00
11) 2-Chlorophenol-d4	7.134	132	367369	31.671	ng/u1	0.00
15) 4-Methylphenol-d8	8.328	113	353300	30.172	ng/u1	0.00
21) Nitrobenzene-d5	8.763	128	194160	34.287	ng/u1	0.00
24) 2-Nitrophenol-d4	9.487	143	164996	31.084	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.022	165	353416	34.915	ng/u1	0.00
31) 4-Chloroaniline-d4	10.545	131	466315	29.778	ng/u1	0.00
46) Dimethylphthalate-d6	13.698	166	1064384	32.735	ng/u1	0.00
49) Acenaphthylene-d8	13.963	160	1414148	34.567	ng/u1	0.00
54) 4-Nitrophenol-d4	14.504	143	197249	35.674	ng/u1	0.00
60) Fluorene-d10	15.275	176	985957	35.637	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.410	200	147570	33.752	ng/u1	0.00
73) Anthracene-d10	17.145	188	1480444	35.775	ng/u1	0.00
81) Pyrene-d10	19.404	212	1690677	33.474	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.339	264	1735087	36.364	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.122	88	14638	7.515	ng/uL	96
5) Pyridine	3.522	79	121304	21.028	ng/u1	92
6) Benzaldehyde	6.752	77	321261	46.180	ng/u1	97
8) Phenol	6.810	94	504598	33.067	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.040	93	417092	33.311	ng/u1	99
12) 2-Chlorophenol	7.163	128	406947	33.776	ng/u1	99
13) 2-Methylphenol	8.057	108	354446	30.698	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.146	45	710515	33.300	ng/u1	98
16) Acetophenone	8.428	105	748439	39.440	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.422	70	313530	33.954	ng/u1	99
18) 4-Methylphenol	8.393	108	424951	34.318	ng/u1	98
19) Hexachloroethane	8.669	117	224884	38.923	ng/u1	98
22) Nitrobenzene	8.804	77	564349	36.366	ng/u1	99
23) Isophorone	9.340	82	895960	32.446	ng/u1	99
25) 2-Nitrophenol	9.516	139	208901	34.010	ng/u1	98
26) 2,4-Dimethylphenol	9.587	107	409069	29.437	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.828	93	570536	32.817	ng/u1	99
29) 2,4-Dichlorophenol	10.046	162	389246	36.797	ng/u1	100
30) Naphthalene	10.440	128	1534417	36.918	ng/u1	99
32) 4-Chloroaniline	10.569	127	549205	34.627	ng/u1	97
33) Hexachlorobutadiene	10.722	225	247836	37.507	ng/u1	99
34) Caprolactam	11.375	113	93315	29.782	ng/u1	96
35) 4-Chloro-3-methylphenol	11.710	107	436319	36.472	ng/u1	98
36) 2-Methylnaphthalene	12.069	142	954781	36.765	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.292	142	968888	37.140	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.440	216	449928	34.653	ng/ul	98
40) Hexachlorocyclopentadiene	12.416	237	196383	23.939	ng/ul	97
41) 2,4,6-Trichlorophenol	12.698	196	259635	31.920	ng/ul	98
42) 2,4,5-Trichlorophenol	12.769	196	306233	35.083	ng/ul	99
43) 1,1'-Biphenyl	13.098	154	1299058	34.285	ng/ul	99
44) 2-Chloronaphthalene	13.139	162	987428	34.934	ng/ul	99
45) 2-Nitroaniline	13.363	65	207762	30.558	ng/ul	96
47) Dimethylphthalate	13.745	163	1157071	35.275	ng/ul	100
48) 2,6-Dinitrotoluene	13.869	165	184822	37.536	ng/ul	96
50) Acenaphthylene	13.992	152	1663568	35.987	ng/ul	100
51) 3-Nitroaniline	14.198	138	194827	35.873	ng/ul	97
52) Acenaphthene	14.339	153	1070647	35.807	ng/ul	97
53) 2,4-Dinitrophenol	14.410	184	83667	28.614	ng/ul	96
55) 4-Nitrophenol	14.522	109	176495	35.371	ng/ul	95
56) Dibenzofuran	14.675	168	1533062	37.466	ng/ul	98
57) 2,4-Dinitrotoluene	14.657	165	324647	41.866	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.910	232	234978	35.651	ng/ul	98
59) Diethylphthalate	15.128	149	1132902	33.466	ng/ul	99
61) Fluorene	15.333	166	1235223	37.887	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.333	204	551952	38.337	ng/ul	98
63) 4-Nitroaniline	15.375	138	213657m	47.019	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.428	198	153108	33.866	ng/ul	95
67) N-Nitrosodiphenylamine	15.551	169	986673	35.851	ng/ul	98
68) 4-Bromophenyl-phenylether	16.233	248	298693	35.165	ng/ul	99
69) Hexachlorobenzene	16.339	284	361375	36.421	ng/ul	96
70) Atrazine	16.528	200	242709	29.480	ng/ul	99
71) Pentachlorophenol	16.692	266	190762	32.826	ng/ul	98
72) Phenanthrene	17.086	178	1934197	37.520	ng/ul	99
74) Anthracene	17.180	178	1916524	37.382	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.057	216	434498	30.154	ng/ul	99
76) Pentachlorobenzene	14.592	250	445948	36.305	ng/ul	99
77) Carbazole	17.463	167	1744642	37.942	ng/ul	100
78) Di-n-butylphthalate	18.033	149	1703636	29.868	ng/ul	98
80) Fluoranthene	19.080	202	2121503	34.345	ng/ul	100
82) Pyrene	19.433	202	2255907	34.998	ng/ul	99
83) Butylbenzylphthalate	20.333	149	515242	20.934	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.104	252	493787	30.223	ng/ul	99
85) Benzo(a)anthracene	21.157	228	2158943	34.579	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.098	149	942099	22.402	ng/ul	99
87) Chrysene	21.210	228	2124896	34.577	ng/ul	99
89) Di-n-octyl phthalate	22.004	149	1721790	26.373	ng/ul	100
90) Benzo(b)fluoranthene	22.786	252	2262411	37.087	ng/ul	98
91) Benzo(k)fluoranthene	22.833	252	2164782	37.825	ng/ul	100
93) Benzo(a)pyrene	23.386	252	2193739	36.943	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.886	276	2552958	36.024	ng/ul	98
95) Dibenzo(a,h)anthracene	25.904	278	2207092	36.726	ng/ul	99
96) Benzo(g,h,i)perylene	26.615	276	2158680	35.546	ng/ul	97

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

