

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
 Data File : BP013019.D
 Acq On : 09 Dec 2022 15:40
 Operator : CG/JU
 Sample : N5896-21MS
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBXN8MS

Quant Time: Dec 09 21:54:44 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 08 00:35:07 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/10/2022
 Supervised By :mohammad ahmed 12/10/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	650040	20.000	ng/u1	0.00
20) Naphthalene-d8	10.793	136	2773758	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.616	164	1786496	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.375	188	3886586	20.000	ng/u1	0.00
79) Chrysene-d12	21.463	240	2752676	20.000	ng/u1	0.00
88) Perylene-d12	23.951	264	2739889	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	65671	4.320	ng/uL	0.00
4) Pyridine-d5	3.781	84	878275	20.336	ng/u1	0.00
7) Phenol-d5	7.128	99	1503980	28.405	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.299	67	858484	26.878	ng/u1	0.00
11) 2-Chlorophenol-d4	7.505	132	1215549	29.163	ng/u1	0.00
15) 4-Methylphenol-d8	8.687	113	1236915	28.511	ng/u1	0.00
21) Nitrobenzene-d5	9.146	128	606178	29.744	ng/u1	0.00
24) 2-Nitrophenol-d4	9.869	143	709835	30.938	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.404	165	1381377	30.997	ng/u1	0.00
31) 4-Chloroaniline-d4	10.928	131	1512447	24.040	ng/u1	0.00
46) Dimethylphthalate-d6	14.022	166	3938583	28.686	ng/u1	0.00
49) Acenaphthylene-d8	14.310	160	4433288	29.385	ng/u1	0.00
54) 4-Nitrophenol-d4	14.810	143	682500	27.634	ng/u1	0.00
60) Fluorene-d10	15.610	176	3407018	29.331	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.728	200	706889	28.263	ng/u1	0.00
73) Anthracene-d10	17.480	188	5233831	29.849	ng/u1	0.00
81) Pyrene-d10	19.704	212	5751477	36.401	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.792	264	4169464	30.530	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.387	88	176738	11.136	ng/uL	94
5) Pyridine	3.799	79	1112171	25.911	ng/u1	99
6) Benzaldehyde	7.110	77	903014	43.556	ng/u1	97
8) Phenol	7.157	94	1909504	35.669	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.393	93	1442636	32.833	ng/u1	100
12) 2-Chlorophenol	7.534	128	1504790	35.206	ng/u1	99
13) 2-Methylphenol	8.416	108	1491438	35.735	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.504	45	2034384	33.741	ng/u1	98
16) Acetophenone	8.804	105	2271781	34.152	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.793	70	1104688	33.024	ng/u1	98
18) 4-Methylphenol	8.752	108	1627966	35.216	ng/u1	99
19) Hexachloroethane	9.063	117	575693	33.705	ng/u1	99
22) Nitrobenzene	9.187	77	1647496	34.450	ng/u1	98
23) Isophorone	9.716	82	3258385	33.696	ng/u1	99
25) 2-Nitrophenol	9.899	139	912370	36.701	ng/u1	99
26) 2,4-Dimethylphenol	9.957	107	1729836	35.663	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.193	93	2010402	32.515	ng/u1	100
29) 2,4-Dichlorophenol	10.434	162	1620843	37.129	ng/u1	99
30) Naphthalene	10.840	128	5921354	40.819	ng/u1	100
32) 4-Chloroaniline	10.951	127	1599748	25.696	ng/u1	100
33) Hexachlorobutadiene	11.122	225	1047990	34.964	ng/u1	100
34) Caprolactam	11.745	113	513950	34.529	ng/u1	94
35) 4-Chloro-3-methylphenol	12.069	107	1647293	36.976	ng/u1	97
36) 2-Methylnaphthalene	12.445	142	4013326	40.327	ng/u1	99

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37) 1-Methylnaphthalene	12.663	142	3530084	34.492	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.810	216	2079365	36.147	ng/ul	99
40) Hexachlorocyclopentadiene	12.787	237	684082	18.274	ng/ul	98
41) 2,4,6-Trichlorophenol	13.045	196	1378170	37.278	ng/ul	100
42) 2,4,5-Trichlorophenol	13.122	196	1502987	37.848	ng/ul	99
43) 1,1'-Biphenyl	13.451	154	4739185	35.322	ng/ul	100
44) 2-Chloronaphthalene	13.492	162	3652291	34.586	ng/ul	99
45) 2-Nitroaniline	13.698	65	1028660	40.178	ng/ul	93
47) Dimethylphthalate	14.069	163	4729194	34.752	ng/ul	100
48) 2,6-Dinitrotoluene	14.192	165	1015551	40.156	ng/ul	94
50) Acenaphthylene	14.339	152	6211503	38.296	ng/ul	99
51) 3-Nitroaniline	14.522	138	995354	41.681	ng/ul	96
52) Acenaphthene	14.681	153	4503053	40.063	ng/ul	100
53) 2,4-Dinitrophenol	14.722	184	590535	34.161	ng/ul	99
55) 4-Nitrophenol	14.828	109	593406	35.213	ng/ul	98
56) Dibenzofuran	15.016	168	6968196	43.604	ng/ul	100
57) 2,4-Dinitrotoluene	14.981	165	1431171	38.959	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.239	232	1302754	35.948	ng/ul	96
59) Diethylphthalate	15.434	149	4687298	35.433	ng/ul	99
61) Fluorene	15.669	166	6596389	51.468	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.657	204	2296318	33.881	ng/ul	99
63) 4-Nitroaniline	15.686	138	1058309	50.364	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.745	198	870633	35.621	ng/ul	97
67) N-Nitrosodiphenylamine	15.869	169	3964231	36.790	ng/ul	100
68) 4-Bromophenyl-phenylether	16.551	248	1592155	37.722	ng/ul	99
69) Hexachlorobenzene	16.675	284	1843639	36.787	ng/ul	97
70) Atrazine	16.828	200	1025141	24.414	ng/ul	98
71) Pentachlorophenol	17.016	266	1086373	35.794	ng/ul	100
72) Phenanthrene	17.416	178	14490222	71.579	ng/ul	93
74) Anthracene	17.504	178	22502541m	111.326	ng/ul	
75) 1,2,3,4-Tetrachloroben...	13.416	216	2070426	37.338	ng/uL	100
76) Pentachlorobenzene	14.934	250	2043944	36.154	ng/uL	100
77) Carbazole	17.780	167	14391019	84.539	ng/ul#	91
78) Di-n-butylphthalate	18.316	149	8320822	40.146	ng/ul	100
80) Fluoranthene	19.374	202	15494700	86.402	ng/ul#	93
82) Pyrene	19.727	202	14760672	79.793	ng/ul	96
83) Butylbenzylphthalate	20.592	149	3478137	48.669	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.368	252	1882019	30.265	ng/ul	98
85) Benzo(a)anthracene	21.445	228	11248223	61.554	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.351	149	5003782	49.636	ng/ul	98
87) Chrysene	21.504	228	14003337	81.033	ng/ul	96
89) Di-n-octyl phthalate	22.310	149	7759158	50.549	ng/ul	100
90) Benzo(b)fluoranthene	23.204	252	19564147	111.977	ng/ul	97
91) Benzo(k)fluoranthene	23.245	252	10140654	58.532	ng/ul	97
93) Benzo(a)pyrene	23.851	252	11376856	74.784	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.574	276	10493108	55.374	ng/ul	99
95) Dibenzo(a,h)anthracene	26.586	278	6875313	43.821	ng/ul	99
96) Benzo(g,h,i)perylene	27.374	276	8220417	54.036	ng/ul	100

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

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