

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051822\
 Data File : BP010395.D
 Acq On : 18 May 2022 11:58
 Operator : CG/JU
 Sample : N2766-02MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW4F3MS

Quant Time: May 19 01:57:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051322.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 13 15:04:31 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/19/2022
 Supervised By :mohammad ahmed 05/19/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	124667	20.000	ng/u1	0.00
20) Naphthalene-d8	10.698	136	561206	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.528	164	383888	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.280	188	856151	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.362	240	877124	20.000	ng/u1	0.00
88) Perylene-d12	23.792	264	840447	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	7793m	2.664	ng/uL	0.00
4) Pyridine-d5	3.769	84	60842	7.326	ng/u1	0.00
7) Phenol-d5	7.057	99	159966	15.288	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.222	67	116418	16.560	ng/u1	0.00
11) 2-Chlorophenol-d4	7.428	132	128409	16.038	ng/u1	0.00
15) 4-Methylphenol-d8	8.604	113	137971	15.516	ng/u1	0.00
21) Nitrobenzene-d5	9.057	128	72557	16.705	ng/u1	0.00
24) 2-Nitrophenol-d4	9.781	143	71797	15.598	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.316	165	140430m	16.135	ng/u1	0.00
31) 4-Chloroaniline-d4	10.834	131	178840	13.820	ng/u1	0.00
46) Dimethylphthalate-d6	13.933	166	499215	17.650	ng/u1	0.00
49) Acenaphthylene-d8	14.222	160	554902	17.009	ng/u1	0.00
54) 4-Nitrophenol-d4	14.728	143	56222	11.168	ng/u1	0.00
60) Fluorene-d10	15.522	176	433411	17.614	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.639	200	58186	11.621	ng/u1	0.00
73) Anthracene-d10	17.380	188	690706	17.816	ng/u1	0.00
81) Pyrene-d10	19.610	212	875985	18.806	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.633	264	796201	18.866	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.375	88	26713m	8.817	ng/uL	
5) Pyridine	3.781	79	108658m	12.590	ng/u1	
6) Benzaldehyde	7.034	77	162740m	29.421	ng/u1	
8) Phenol	7.087	94	260662	23.091	ng/u1#	88
10) Bis(2-Chloroethyl)ether	7.316	93	208017	23.437	ng/u1#	75
12) 2-Chlorophenol	7.457	128	194711	23.295	ng/u1	97
13) 2-Methylphenol	8.340	108	190541	22.611	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.428	45	354511	24.508	ng/u1#	81
16) Acetophenone	8.716	105	353707	25.316	ng/u1#	74
17) N-Nitroso-di-n-propyla...	8.704	70	177173	23.695	ng/u1#	70
18) 4-Methylphenol	8.669	108	209721	22.518	ng/u1	95
19) Hexachloroethane	8.975	117	84573	23.264	ng/u1#	77
22) Nitrobenzene	9.098	77	262793	23.024	ng/u1#	83
23) Isophorone	9.622	82	488270	23.144	ng/u1	98
25) 2-Nitrophenol	9.810	139	116303	23.012	ng/u1#	86
26) 2,4-Dimethylphenol	9.869	107	183952	16.774	ng/u1#	78
27) Bis(2-Chloroethoxy)met...	10.104	93	292803	23.309	ng/u1#	98
29) 2,4-Dichlorophenol	10.345	162	207250	23.290	ng/u1#	85
30) Naphthalene	10.745	128	680724	23.223	ng/u1	97
32) 4-Chloroaniline	10.857	127	258708	20.144	ng/u1	97
33) Hexachlorobutadiene	11.039	225	145605	23.092	ng/u1	97
34) Caprolactam	11.628	113	70185m	22.600	ng/u1	
35) 4-Chloro-3-methylphenol	11.981	107	247977	23.822	ng/u1#	69
36) 2-Methylnaphthalene	12.357	142	477331	23.002	ng/u1	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.575	142	496654	23.704	ng/ul#	96
39) 1,2,4,5-Tetrachloroben...	12.728	216	276080	23.567	ng/ul	91
40) Hexachlorocyclopentadiene	12.704	237	108320	17.007	ng/ul	96
41) 2,4,6-Trichlorophenol	12.963	196	177419	24.296	ng/ul	84
42) 2,4,5-Trichlorophenol	13.039	196	193629	23.748	ng/ul#	88
43) 1,1'-Biphenyl	13.363	154	665859	23.631	ng/ul#	93
44) 2-Chloronaphthalene	13.404	162	514465	23.639	ng/ul	94
45) 2-Nitroaniline	13.604	65	178455	24.915	ng/ul#	76
47) Dimethylphthalate	13.980	163	677384	24.144	ng/ul#	92
48) 2,6-Dinitrotoluene	14.104	165	141622	24.763	ng/ul	97
50) Acenaphthylene	14.251	152	832297	23.582	ng/ul	95
51) 3-Nitroaniline	14.428	138	125646	23.408	ng/ul#	81
52) Acenaphthene	14.592	153	549710	23.876	ng/ul	98
53) 2,4-Dinitrophenol	14.639	184	56971	17.842	ng/ul#	77
55) 4-Nitrophenol	14.739	109	101642	22.706	ng/ul#	47
56) Dibenzofuran	14.928	168	813353	24.106	ng/ul	99
57) 2,4-Dinitrotoluene	14.892	165	206221	25.048	ng/ul#	76
58) 2,3,4,6-Tetrachlorophenol	15.157	232	167938	23.952	ng/ul#	85
59) Diethylphthalate	15.345	149	707169	24.702	ng/ul#	92
61) Fluorene	15.575	166	672290	24.365	ng/ul	93
62) 4-Chlorophenyl-phenyle...	15.569	204	344232	23.983	ng/ul	96
63) 4-Nitroaniline	15.592	138	140327m	26.477	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.657	198	109541	21.937	ng/ul#	88
67) N-Nitrosodiphenylamine	15.786	169	580858	24.192	ng/ul	94
68) 4-Bromophenyl-phenylether	16.469	248	211161	23.949	ng/ul	93
69) Hexachlorobenzene	16.586	284	241988	23.860	ng/ul#	89
70) Atrazine	16.739	200	234352	24.365	ng/ul	92
71) Pentachlorophenol	16.933	266	128127	20.134	ng/ul#	84
72) Phenanthrene	17.321	178	1112124	24.340	ng/ul	99
74) Anthracene	17.416	178	1110688	24.231	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.328	216	281097	21.604	ng/uL#	84
76) Pentachlorobenzene	14.851	250	272578	23.089	ng/uL	91
77) Carbazole	17.680	167	1013635	25.163	ng/ul#	96
78) Di-n-butylphthalate	18.233	149	1295745	26.410	ng/ul#	93
80) Fluoranthene	19.286	202	1401879	25.897	ng/ul	97
82) Pyrene	19.639	202	1438090	25.457	ng/ul	95
83) Butylbenzylphthalate	20.510	149	612189m	27.101	ng/ul	
84) 3,3'-Dichlorobenzidine	21.280	252	411682	23.352	ng/ul#	97
85) Benzo(a)anthracene	21.351	228	1412695	25.756	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.274	149	914513	27.589	ng/ul#	81
87) Chrysene	21.404	228	1389077	25.747	ng/ul	100
89) Di-n-octyl phthalate	22.204	149	1553760	24.644	ng/ul	100
90) Benzo(b)fluoranthene	23.051	252	1445664	25.807	ng/ul	99
91) Benzo(k)fluoranthene	23.098	252	1368268	25.699	ng/ul#	97
93) Benzo(a)pyrene	23.680	252	1340500	25.756	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.321	276	1320101	26.961	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.339	278	1137054	26.763	ng/ul#	94
96) Benzo(g,h,i)perylene	27.097	276	1008953	24.678	ng/ul#	91

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

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