

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072522\
 Data File : BP011082.D
 Acq On : 25 Jul 2022 09:11
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020712

Quant Time: Jul 25 11:31:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071422.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 19 03:25:54 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/26/2022
 Supervised By :mohammad ahmed 07/26/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.669	152	447153	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.463	136	2114409	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.334	164	1293261	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.098	188	2604069	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.222	240	2169891	20.000	ng/ul	# 0.00
88) Perylene-d12	23.568	264	1937681	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	97818	7.886	ng/uL	-0.02
4) Pyridine-d5	3.575	84	684002	21.335	ng/ul	-0.02
7) Phenol-d5	6.846	99	827218	22.537	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.011	67	569129	24.113	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.199	132	688256	23.206	ng/ul	-0.01
15) 4-Methylphenol-d8	8.387	113	719476	24.485	ng/ul	-0.01
21) Nitrobenzene-d5	8.834	128	357669	23.212	ng/ul	0.00
24) 2-Nitrophenol-d4	9.552	143	366155	24.015	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	636299	22.820	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.610	131	1102150	23.976	ng/ul	0.00
46) Dimethylphthalate-d6	13.757	166	2014985	22.797	ng/ul	0.00
49) Acenaphthylene-d8	14.022	160	2410196	23.111	ng/ul	0.00
54) 4-Nitrophenol-d4	14.557	143	376480	21.045	ng/ul	0.00
60) Fluorene-d10	15.334	176	1677907	22.333	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.463	200	294639	22.866	ng/ul	0.00
73) Anthracene-d10	17.198	188	2494799	22.536	ng/ul	0.00
81) Pyrene-d10	19.457	212	2752924	24.156	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.416	264	2087774	22.433	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.199	88	103414	7.946	ng/uL#	88
5) Pyridine	3.593	79	703118	21.281	ng/ul#	76
6) Benzaldehyde	6.816	77	164754	9.241	ng/ul	97
8) Phenol	6.875	94	883830	22.653	ng/ul#	87
10) Bis(2-Chloroethyl)ether	7.105	93	727191	23.484	ng/ul	92
12) 2-Chlorophenol	7.234	128	707755	23.086	ng/ul	94
13) 2-Methylphenol	8.122	108	685210	23.748	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.199	45	1088296	25.697	ng/ul	98
16) Acetophenone	8.499	105	1127054	25.337	ng/ul#	90
17) N-Nitroso-di-n-propyla...	8.487	70	612921	27.461	ng/ul	94
18) 4-Methylphenol	8.452	108	755138	24.512	ng/ul	97
19) Hexachloroethane	8.740	117	287787	23.720	ng/ul#	77
22) Nitrobenzene	8.875	77	835794	23.065	ng/ul	93
23) Isophorone	9.405	82	1722307	25.396	ng/ul	99
25) 2-Nitrophenol	9.581	139	407376	23.803	ng/ul#	85
26) 2,4-Dimethylphenol	9.652	107	842007	23.265	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.893	93	1046529	23.318	ng/ul	99
29) 2,4-Dichlorophenol	10.116	162	645123	22.353	ng/ul	99
30) Naphthalene	10.510	128	2378056	22.071	ng/ul	99
32) 4-Chloroaniline	10.634	127	1097953	24.147	ng/ul	99
33) Hexachlorobutadiene	10.793	225	359240	21.384	ng/ul	96
34) Caprolactam	11.434	113	254474m	25.159	ng/ul	
35) 4-Chloro-3-methylphenol	11.769	107	796367	24.416	ng/ul	97
36) 2-Methylnaphthalene	12.134	142	1608728	23.031	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.357	142	1613543	23.045	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.504	216	707818	20.751	ng/ul#	97
40) Hexachlorocyclopentadiene	12.481	237	427581	20.239	ng/ul	95
41) 2,4,6-Trichlorophenol	12.757	196	498282	22.183	ng/ul	97
42) 2,4,5-Trichlorophenol	12.828	196	544433	22.679	ng/ul	100
43) 1,1'-Biphenyl	13.163	154	2102407	21.788	ng/ul#	98
44) 2-Chloronaphthalene	13.198	162	1575335	21.735	ng/ul	97
45) 2-Nitroaniline	13.416	65	530789	25.136	ng/ul	87
47) Dimethylphthalate	13.804	163	2019685	22.645	ng/ul	99
48) 2,6-Dinitrotoluene	13.922	165	413501	25.608	ng/ul	95
50) Acenaphthylene	14.051	152	2661530	22.744	ng/ul	99
51) 3-Nitroaniline	14.251	138	290353	14.967	ng/ul	92
52) Acenaphthene	14.398	153	1716175	22.138	ng/ul	98
53) 2,4-Dinitrophenol	14.463	184	201954	21.378	ng/ul	88
55) 4-Nitrophenol	14.569	109	293535	21.432	ng/ul#	74
56) Dibenzofuran	14.734	168	2356826	22.033	ng/ul	100
57) 2,4-Dinitrotoluene	14.716	165	583881	25.350	ng/ul	88
58) 2,3,4,6-Tetrachlorophenol	14.963	232	428456	22.791	ng/ul#	84
59) Diethylphthalate	15.175	149	2141538	23.381	ng/ul	97
61) Fluorene	15.392	166	1936275	22.555	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.387	204	874695	22.133	ng/ul	94
63) 4-Nitroaniline	15.422	138	252530m	14.164	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.481	198	303031	22.923	ng/ul	99
67) N-Nitrosodiphenylamine	15.610	169	1677554	22.552	ng/ul	99
68) 4-Bromophenyl-phenylether	16.292	248	516869	22.008	ng/ul	95
69) Hexachlorobenzene	16.392	284	589600	21.630	ng/ul#	90
70) Atrazine	16.581	200	591812	22.998	ng/ul	97
71) Pentachlorophenol	16.745	266	361610	21.541	ng/ul	98
72) Phenanthrene	17.145	178	3008036	22.172	ng/ul	98
74) Anthracene	17.234	178	3030031	22.452	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.122	216	747224	20.044	ng/uL	97
76) Pentachlorobenzene	14.651	250	694222	21.244	ng/uL	99
77) Carbazole	17.516	167	2781062	22.018	ng/ul	99
78) Di-n-butylphthalate	18.081	149	3722299	23.576	ng/ul	99
80) Fluoranthene	19.128	202	3373473	25.310	ng/ul#	85
82) Pyrene	19.486	202	3409247	24.791	ng/ul#	84
83) Butylbenzylphthalate	20.375	149	1721649	28.064	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.145	252	880579	22.919	ng/ul#	98
85) Benzo(a)anthracene	21.204	228	2986529	22.600	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.139	149	2530038	27.640	ng/ul#	96
87) Chrysene	21.257	228	2861377	22.052	ng/ul	99
89) Di-n-octyl phthalate	22.051	149	4240874	32.634	ng/ul	100
90) Benzo(b)fluoranthene	22.851	252	2730878	22.825	ng/ul#	95
91) Benzo(k)fluoranthene	22.898	252	2611648	23.239	ng/ul#	94
93) Benzo(a)pyrene	23.468	252	2546692	22.164	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	25.998	276	2446408	18.321	ng/ul#	87
95) Dibenzo(a,h)anthracene	26.015	278	2095659	18.137	ng/ul#	91
96) Benzo(g,h,i)perylene	26.745	276	2030596	17.855	ng/ul#	86

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

