

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072122\
 Data File : BP011080.D
 Acq On : 22 Jul 2022 02:33
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020711

Quant Time: Jul 22 04:00:22 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 07/22/2022
 Supervised By :mohammad ahmed 07/22/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.675	152	458151	20.000	ng/ul	0.00
20) Naphthalene-d8	10.469	136	1925102	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.340	164	1104177	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.110	188	2278653	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.233	240	1889108	20.000	ng/ul	# 0.00
88) Perylene-d12	23.592	264	1962834	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	100706	7.924	ng/uL	0.00
4) Pyridine-d5	3.587	84	676874	20.606	ng/ul	0.00
7) Phenol-d5	6.858	99	823680	21.902	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.016	67	528757	21.865	ng/ul	0.00
11) 2-Chlorophenol-d4	7.211	132	710393	23.377	ng/ul	0.00
15) 4-Methylphenol-d8	8.399	113	678334	22.530	ng/ul	0.00
21) Nitrobenzene-d5	8.840	128	340546	24.274	ng/ul	0.00
24) 2-Nitrophenol-d4	9.557	143	341452	24.597	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.099	165	595176	23.444	ng/ul	0.00
31) 4-Chloroaniline-d4	10.616	131	1005596	24.027	ng/ul	0.00
46) Dimethylphthalate-d6	13.757	166	1692685	22.430	ng/ul	0.00
49) Acenaphthylene-d8	14.028	160	2132411	23.949	ng/ul	0.00
54) 4-Nitrophenol-d4	14.563	143	344088	22.528	ng/ul	0.00
60) Fluorene-d10	15.340	176	1465344	22.844	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.475	200	167724	14.875	ng/ul	0.01
73) Anthracene-d10	17.210	188	2310226	23.848	ng/ul	0.00
81) Pyrene-d10	19.463	212	2467955	24.875	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.439	264	2112942	22.413	ng/ul	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.211	88	103610	7.770	ng/uL#	88
5) Pyridine	3.605	79	695876	20.557	ng/ul#	76
6) Benzaldehyde	6.828	77	412169	22.563	ng/ul	96
8) Phenol	6.887	94	878204	21.968	ng/ul#	86
10) Bis(2-Chloroethyl)ether	7.111	93	702568	22.144	ng/ul	90
12) 2-Chlorophenol	7.240	128	726918	23.141	ng/ul	93
13) 2-Methylphenol	8.128	108	662371	22.406	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.216	45	974978	22.468	ng/ul#	97
16) Acetophenone	8.505	105	1020621	22.393	ng/ul#	90
17) N-Nitroso-di-n-propyla...	8.493	70	527224	23.055	ng/ul	90
18) 4-Methylphenol	8.458	108	710934	22.524	ng/ul	98
19) Hexachloroethane	8.746	117	294731	23.710	ng/ul#	80
22) Nitrobenzene	8.881	77	772325	23.409	ng/ul	92
23) Isophorone	9.410	82	1487951	24.097	ng/ul	99
25) 2-Nitrophenol	9.593	139	374476	24.032	ng/ul#	81
26) 2,4-Dimethylphenol	9.657	107	768924	23.335	ng/ul	93
27) Bis(2-Chloroethoxy)met...	9.899	93	901035	22.050	ng/ul	98
29) 2,4-Dichlorophenol	10.122	162	608332	23.151	ng/ul	99
30) Naphthalene	10.522	128	2232230	22.754	ng/ul	100
32) 4-Chloroaniline	10.640	127	992304	23.970	ng/ul	98
33) Hexachlorobutadiene	10.799	225	358348	23.428	ng/ul	96
34) Caprolactam	11.446	113	257388m	27.950	ng/ul	
35) 4-Chloro-3-methylphenol	11.781	107	701709	23.630	ng/ul	96
36) 2-Methylnaphthalene	12.140	142	1451969	22.830	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.363	142	1456069	22.841	ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	12.516	216	653396	22.436	ng/ul	98
40) Hexachlorocyclopentadiene	12.487	237	234237	12.986	ng/ul	97
41) 2,4,6-Trichlorophenol	12.763	196	440587	22.973	ng/ul	98
42) 2,4,5-Trichlorophenol	12.834	196	484210	23.624	ng/ul	96
43) 1,1'-Biphenyl	13.169	154	1843907	22.381	ng/ul#	97
44) 2-Chloronaphthalene	13.204	162	1403296	22.677	ng/ul	96
45) 2-Nitroaniline	13.422	65	449673	24.941	ng/ul#	84
47) Dimethylphthalate	13.810	163	1685970	22.140	ng/ul	99
48) 2,6-Dinitrotoluene	13.928	165	352555	25.573	ng/ul	95
50) Acenaphthylene	14.057	152	2336337	23.384	ng/ul	98
51) 3-Nitroaniline	14.257	138	370985	22.398	ng/ul#	90
52) Acenaphthene	14.404	153	1515650	22.899	ng/ul	99
53) 2,4-Dinitrophenol	14.469	184	125249	15.529	ng/ul	91
55) 4-Nitrophenol	14.581	109	310635	26.564	ng/ul#	79
56) Dibenzofuran	14.740	168	2083231	22.810	ng/ul	98
57) 2,4-Dinitrotoluene	14.722	165	510821	25.976	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	14.975	232	378770	23.598	ng/ul#	86
59) Diethylphthalate	15.181	149	1807509	23.113	ng/ul	98
61) Fluorene	15.398	166	1693719	23.108	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.398	204	757316	22.444	ng/ul	96
63) 4-Nitroaniline	15.428	138	378949m	24.894	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.492	198	170388	14.730	ng/ul	97
67) N-Nitrosodiphenylamine	15.616	169	1456250	22.372	ng/ul	98
68) 4-Bromophenyl-phenylether	16.298	248	458705	22.320	ng/ul	96
69) Hexachlorobenzene	16.404	284	532790	22.338	ng/ul#	91
70) Atrazine	16.587	200	515428	22.890	ng/ul	98
71) Pentachlorophenol	16.757	266	379097	25.807	ng/ul	97
72) Phenanthrene	17.151	178	2687391	22.637	ng/ul	98
74) Anthracene	17.245	178	2780198	23.543	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.128	216	684157	20.973	ng/uL	97
76) Pentachlorobenzene	14.657	250	621500	21.734	ng/uL	99
77) Carbazole	17.522	167	2590066	23.434	ng/ul	99
78) Di-n-butylphthalate	18.086	149	3398743	24.601	ng/ul	99
80) Fluoranthene	19.139	202	3079416	26.537	ng/ul#	87
82) Pyrene	19.492	202	3074745	25.682	ng/ul#	83
83) Butylbenzylphthalate	20.386	149	1534498	28.731	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.157	252	524267	15.673	ng/ul#	98
85) Benzo(a)anthracene	21.216	228	2585029	22.469	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.151	149	2281409	28.628	ng/ul#	96
87) Chrysene	21.269	228	2547227	22.548	ng/ul	99
89) Di-n-octyl phthalate	22.063	149	3877470	29.455	ng/ul	100
90) Benzo(b)fluoranthene	22.869	252	2620382	21.621	ng/ul#	95
91) Benzo(k)fluoranthene	22.921	252	2538043	22.295	ng/ul#	95
93) Benzo(a)pyrene	23.486	252	2590794	22.259	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	26.039	276	2927629	21.644	ng/ul#	84
95) Dibenzo(a,h)anthracene	26.057	278	2523779	21.562	ng/ul#	92
96) Benzo(g,h,i)perylene	26.786	276	2494119	21.650	ng/ul#	86

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

