

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052722\
 Data File : BP010572.D
 Acq On : 27 May 2022 08:35
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020675

Quant Time: May 27 12:35:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051322.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 24 05:50:40 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/27/2022
 Supervised By :mohammad ahmed 05/31/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	155914	20.000	ng/ul	0.00
20) Naphthalene-d8	10.687	136	678252	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.522	164	476373	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.275	188	1078517	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.357	240	1032763	20.000	ng/ul	0.00
88) Perylene-d12	23.786	264	861008	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	28186m	7.706	ng/uL	0.00
4) Pyridine-d5	3.752	84	180890	17.417	ng/ul	0.00
7) Phenol-d5	7.052	99	230474	17.612	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.216	67	164975	18.764	ng/ul	0.00
11) 2-Chlorophenol-d4	7.416	132	187411	18.716	ng/ul	0.00
15) 4-Methylphenol-d8	8.593	113	194194	17.462	ng/ul	0.00
21) Nitrobenzene-d5	9.046	128	97651	18.603	ng/ul	0.00
24) 2-Nitrophenol-d4	9.769	143	104586	18.801	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.310	165	196960	18.725	ng/ul	0.00
31) 4-Chloroaniline-d4	10.822	131	280379	17.927	ng/ul	0.00
46) Dimethylphthalate-d6	13.928	166	666073	18.978	ng/ul	0.00
49) Acenaphthylene-d8	14.210	160	763139	18.850	ng/ul	0.00
54) 4-Nitrophenol-d4	14.722	143	96375	15.427	ng/ul	0.00
60) Fluorene-d10	15.510	176	573154	18.771	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.640	200	105874	16.785	ng/ul	0.00
73) Anthracene-d10	17.375	188	911231	18.659	ng/ul	0.00
81) Pyrene-d10	19.604	212	1094497	19.956	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.627	264	825085	19.084	ng/ul	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.370	88	28387	7.492	ng/uL#	14
5) Pyridine	3.770	79	194748	18.043	ng/ul#	16
6) Benzaldehyde	7.022	77	141357	20.434	ng/ul	91
8) Phenol	7.075	94	248329	17.590	ng/ul#	85
10) Bis(2-Chloroethyl)ether	7.305	93	202696	18.261	ng/ul#	73
12) 2-Chlorophenol	7.452	128	191805	18.348	ng/ul	98
13) 2-Methylphenol	8.328	108	187923	17.831	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.416	45	361344	19.974	ng/ul#	81
16) Acetophenone	8.710	105	320975	18.369	ng/ul#	71
17) N-Nitroso-di-n-propyla...	8.693	70	177115	18.940	ng/ul#	66
18) 4-Methylphenol	8.658	108	202667	17.399	ng/ul	84
19) Hexachloroethane	8.969	117	86956	19.126	ng/ul#	81
22) Nitrobenzene	9.087	77	261965	18.991	ng/ul#	79
23) Isophorone	9.616	82	487862	19.134	ng/ul	98
25) 2-Nitrophenol	9.799	139	111578	18.267	ng/ul#	84
26) 2,4-Dimethylphenol	9.863	107	248506m	18.750	ng/ul	
27) Bis(2-Chloroethoxy)met...	10.099	93	284315	18.728	ng/ul#	96
29) 2,4-Dichlorophenol	10.334	162	200476	18.641	ng/ul#	85
30) Naphthalene	10.734	128	660650	18.649	ng/ul	97
32) 4-Chloroaniline	10.846	127	277496	17.878	ng/ul	99
33) Hexachlorobutadiene	11.022	225	146706	19.251	ng/ul	93
34) Caprolactam	11.628	113	66029	17.593	ng/ul#	1
35) 4-Chloro-3-methylphenol	11.975	107	236155	18.771	ng/ul#	72
36) 2-Methylnaphthalene	12.346	142	469709	18.729	ng/ul	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.563	142	465346	18.377	ng/ul#	95
39) 1,2,4,5-Tetrachloroben...	12.716	216	266453	18.329	ng/ul#	95
40) Hexachlorocyclopentadiene	12.698	237	175300	22.180	ng/ul	95
41) 2,4,6-Trichlorophenol	12.957	196	168365	18.580	ng/ul#	83
42) 2,4,5-Trichlorophenol	13.028	196	184252	18.210	ng/ul#	87
43) 1,1'-Biphenyl	13.351	154	652079	18.649	ng/ul#	92
44) 2-Chloronaphthalene	13.393	162	504629	18.685	ng/ul	95
45) 2-Nitroaniline	13.598	65	180619	20.321	ng/ul#	74
47) Dimethylphthalate	13.975	163	655096	18.817	ng/ul#	92
48) 2,6-Dinitrotoluene	14.093	165	137366	19.356	ng/ul	98
50) Acenaphthylene	14.240	152	820343	18.731	ng/ul	96
51) 3-Nitroaniline	14.428	138	117600	17.655	ng/ul#	84
52) Acenaphthene	14.581	153	529701	18.540	ng/ul	96
53) 2,4-Dinitrophenol	14.640	184	70576	17.812	ng/ul#	75
55) 4-Nitrophenol	14.734	109	93772	16.881	ng/ul#	46
56) Dibenzofuran	14.916	168	784979	18.748	ng/ul	95
57) 2,4-Dinitrotoluene	14.887	165	199011	19.479	ng/ul#	73
58) 2,3,4,6-Tetrachlorophenol	15.145	232	163241	18.762	ng/ul#	83
59) Diethylphthalate	15.339	149	691165	19.456	ng/ul#	92
61) Fluorene	15.569	166	649025	18.955	ng/ul	90
62) 4-Chlorophenyl-phenyle...	15.563	204	334816	18.798	ng/ul	97
63) 4-Nitroaniline	15.592	138	110376	16.782	ng/ul#	80
66) 4,6-Dinitro-2-methylph...	15.651	198	104014	16.536	ng/ul#	81
67) N-Nitrosodiphenylamine	15.775	169	563264	18.623	ng/ul	95
68) 4-Bromophenyl-phenylether	16.457	248	200120	18.017	ng/ul	99
69) Hexachlorobenzene	16.581	284	230453	18.038	ng/ul#	86
70) Atrazine	16.734	200	221955	18.318	ng/ul#	89
71) Pentachlorophenol	16.928	266	134391	16.764	ng/ul#	84
72) Phenanthrene	17.316	178	1068997	18.572	ng/ul	98
74) Anthracene	17.410	178	1072099	18.567	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.322	216	282811	17.254	ng/uL#	88
76) Pentachlorobenzene	14.840	250	269591	18.128	ng/uL	91
77) Carbazole	17.681	167	930091m	18.328	ng/ul	
78) Di-n-butylphthalate	18.228	149	1208714	19.557	ng/ul#	94
80) Fluoranthene	19.280	202	1289568	20.233	ng/ul	97
82) Pyrene	19.633	202	1333835	20.053	ng/ul	97
83) Butylbenzylphthalate	20.504	149	560032	21.056	ng/ul#	84
84) 3,3'-Dichlorobenzidine	21.274	252	352588	16.986	ng/ul#	96
85) Benzo(a)anthracene	21.345	228	1226376	18.989	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.269	149	826368	21.173	ng/ul#	82
87) Chrysene	21.398	228	1206938	18.999	ng/ul	99
89) Di-n-octyl phthalate	22.198	149	1386901	21.472	ng/ul	100
90) Benzo(b)fluoranthene	23.045	252	1124803	19.600	ng/ul	99
91) Benzo(k)fluoranthene	23.092	252	1045948	19.176	ng/ul#	97
93) Benzo(a)pyrene	23.680	252	1013914	19.016	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.310	276	979192	19.521	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.321	278	818214	18.799	ng/ul#	95
96) Benzo(g,h,i)perylene	27.080	276	823075	19.651	ng/ul#	92

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

