

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010924\
 Data File : BP019309.D
 Acq On : 09 Jan 2024 10:55
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020742

Quant Time: Jan 09 23:49:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 09 03:05:24 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/10/2024
 Supervised By :mohammad ahmed 01/10/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	146529	20.000	ng/u1	0.00
20) Naphthalene-d8	10.575	136	573364	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.428	164	415368	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.180	188	981499	20.000	ng/u1	0.00
79) Chrysene-d12	21.286	240	821361	20.000	ng/u1	0.00
88) Perylene-d12	23.639	264	766242	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	31183	8.047	ng/uL	0.00
4) Pyridine-d5	3.640	84	227667	20.318	ng/u1	0.00
7) Phenol-d5	6.969	99	286178	20.434	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.122	67	181715	21.693	ng/u1	0.00
11) 2-Chlorophenol-d4	7.316	132	205200	21.330	ng/u1	0.00
15) 4-Methylphenol-d8	8.510	113	232170	20.896	ng/u1	0.00
21) Nitrobenzene-d5	8.952	128	101386	21.018	ng/u1	0.00
24) 2-Nitrophenol-d4	9.669	143	120760	21.546	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.210	165	239332	21.136	ng/u1	0.00
31) 4-Chloroaniline-d4	10.728	131	296625	20.738	ng/u1	0.00
46) Dimethylphthalate-d6	13.845	166	776118	21.150	ng/u1	0.00
49) Acenaphthylene-d8	14.122	160	826237	21.004	ng/u1	0.00
54) 4-Nitrophenol-d4	14.669	143	113424	20.128	ng/u1	0.00
60) Fluorene-d10	15.422	176	646999	21.535	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.563	200	142165	19.619	ng/u1	0.00
73) Anthracene-d10	17.286	188	1029093	21.023	ng/u1	0.00
81) Pyrene-d10	19.527	212	1201502	22.434	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.492	264	887038	21.290	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.252	88	33791	8.419	ng/uL	99
5) Pyridine	3.658	79	235240	20.666	ng/u1	96
6) Benzaldehyde	6.928	77	163691	26.810	ng/u1	95
8) Phenol	6.999	94	291670	20.672	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.216	93	247062	21.831	ng/u1	98
12) 2-Chlorophenol	7.352	128	212884	21.409	ng/u1	98
13) 2-Methylphenol	8.246	108	220938	20.877	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.310	45	304750	22.630	ng/u1	99
16) Acetophenone	8.616	105	383071	21.645	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.599	70	209444	22.713	ng/u1	98
18) 4-Methylphenol	8.575	108	239688	21.275	ng/u1	96
19) Hexachloroethane	8.852	117	89552	19.939	ng/u1	98
22) Nitrobenzene	8.993	77	288449	21.376	ng/u1	99
23) Isophorone	9.516	82	574410	21.958	ng/u1	99
25) 2-Nitrophenol	9.699	139	126882	21.552	ng/u1	97
26) 2,4-Dimethylphenol	9.769	107	271406	21.381	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.004	93	333436	22.161	ng/u1	99
29) 2,4-Dichlorophenol	10.240	162	231563	21.220	ng/u1	99
30) Naphthalene	10.628	128	688668	21.316	ng/u1	100
32) 4-Chloroaniline	10.751	127	290361	20.750	ng/u1	99
33) Hexachlorobutadiene	10.904	225	195358	20.750	ng/u1	99
34) Caprolactam	11.546	113	69222	20.228	ng/u1	92
35) 4-Chloro-3-methylphenol	11.893	107	260803	21.527	ng/u1	100
36) 2-Methylnaphthalene	12.245	142	504968	21.481	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.463	142	499895	21.735	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.610	216	368793	20.489	ng/ul	98
40) Hexachlorocyclopentadiene	12.587	237	216571	18.747	ng/ul	95
41) 2,4,6-Trichlorophenol	12.863	196	228222	20.604	ng/ul	97
42) 2,4,5-Trichlorophenol	12.940	196	246606	20.774	ng/ul	97
43) 1,1'-Biphenyl	13.263	154	717860	20.921	ng/ul	99
44) 2-Chloronaphthalene	13.304	162	577867	20.824	ng/ul	100
45) 2-Nitroaniline	13.522	65	174638	21.941	ng/ul	99
47) Dimethylphthalate	13.898	163	771823	21.163	ng/ul	100
48) 2,6-Dinitrotoluene	14.022	165	158255	21.944	ng/ul	97
50) Acenaphthylene	14.151	152	911077	21.146	ng/ul	99
51) 3-Nitroaniline	14.351	138	131940	20.974	ng/ul	99
52) Acenaphthene	14.492	153	599259	21.228	ng/ul	98
53) 2,4-Dinitrophenol	14.569	184	89949	19.021	ng/ul	95
55) 4-Nitrophenol	14.681	109	121081	19.897	ng/ul	96
56) Dibenzofuran	14.828	168	878789	21.743	ng/ul	99
57) 2,4-Dinitrotoluene	14.816	165	226342	22.368	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.063	232	231386	21.957	ng/ul	99
59) Diethylphthalate	15.257	149	767516	22.489	ng/ul	100
61) Fluorene	15.481	166	718422	21.701	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.475	204	427898	21.659	ng/ul	99
63) 4-Nitroaniline	15.522	138	123933m	25.413	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.575	198	153397	19.973	ng/ul	99
67) N-Nitrosodiphenylamine	15.698	169	613633	21.208	ng/ul	99
68) 4-Bromophenyl-phenylether	16.375	248	279991	20.885	ng/ul	98
69) Hexachlorobenzene	16.481	284	316817	20.505	ng/ul	99
70) Atrazine	16.657	200	258011	20.457	ng/ul	100
71) Pentachlorophenol	16.839	266	184334	19.209	ng/ul	97
72) Phenanthrene	17.228	178	1161553	21.068	ng/ul	99
74) Anthracene	17.316	178	1173446	20.996	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.222	216	355783	19.577	ng/uL	99
76) Pentachlorobenzene	14.745	250	365836	20.723	ng/uL	100
77) Carbazole	17.598	167	972892	20.461	ng/ul	100
78) Di-n-butylphthalate	18.145	149	1275803	22.420	ng/ul	99
80) Fluoranthene	19.204	202	1425062	22.510	ng/ul	99
82) Pyrene	19.557	202	1423838	22.159	ng/ul	99
83) Butylbenzylphthalate	20.433	149	518042	23.499	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.210	252	396889	21.282	ng/ul	99
85) Benzo(a)anthracene	21.274	228	1347932	21.081	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.192	149	739540	23.371	ng/ul#	99
87) Chrysene	21.321	228	1210043	20.703	ng/ul	100
89) Di-n-octyl phthalate	22.104	149	1151333	22.014	ng/ul	100
90) Benzo(b)fluoranthene	22.921	252	1119848	20.451	ng/ul	99
91) Benzo(k)fluoranthene	22.968	252	1139438	21.450	ng/ul	99
93) Benzo(a)pyrene	23.539	252	1029907	20.931	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.086	276	1207509	20.751	ng/ul	99
95) Dibenzo(a,h)anthracene	26.098	278	1004888	20.860	ng/ul	98
96) Benzo(g,h,i)perylene	26.839	276	963554	20.618	ng/ul	99

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

