

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112624\
 Data File : BG063569.D
 Acq On : 26 Nov 2024 20:06
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020554

Quant Time: Nov 27 01:14:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 20 14:52:38 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/27/2024
 Supervised By :mohammad ahmed 11/27/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.824	152	99429	20.000	ng/u1	0.00
20) Naphthalene-d8	10.615	136	403753	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.469	164	300799	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.219	188	771720	20.000	ng/u1	0.00
79) Chrysene-d12	21.479	240	859196	20.000	ng/u1	# 0.00
88) Perylene-d12	24.516	264	935496	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.294	96	20214	8.024	ng/uL	0.00
4) Pyridine-d5	3.699	84	141835	17.962	ng/u1	0.00
7) Phenol-d5	7.001	99	160050	19.572	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.160	67	108924	20.768	ng/u1	0.00
11) 2-Chlorophenol-d4	7.360	132	120985	20.877	ng/u1	0.00
15) 4-Methylphenol-d8	8.541	113	138679	20.294	ng/u1	0.00
21) Nitrobenzene-d5	8.982	128	58393	20.139	ng/u1	0.00
24) 2-Nitrophenol-d4	9.704	143	75269	21.014	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.245	165	141999	20.770	ng/u1	0.00
31) 4-Chloroaniline-d4	10.756	131	176804	20.446	ng/u1	0.00
46) Dimethylphthalate-d6	13.876	166	451567	22.114	ng/u1	0.00
49) Acenaphthylene-d8	14.158	160	506814	21.765	ng/u1	0.00
54) 4-Nitrophenol-d4	14.687	143	60740m	20.019	ng/u1	0.00
60) Fluorene-d10	15.462	176	409907	22.092	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.597	200	90744	20.915	ng/u1	0.00
73) Anthracene-d10	17.319	188	705809	21.052	ng/u1	0.00
81) Pyrene-d10	19.616	212	944840	21.938	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.311	264	959366	21.143	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.329	88	24681	8.298	ng/uL#	81
5) Pyridine	3.717	79	141127	17.565	ng/u1	97
6) Benzaldehyde	6.966	77	119391	25.508	ng/u1	97
8) Phenol	7.031	94	174947	19.619	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.248	93	131035	20.359	ng/u1#	92
12) 2-Chlorophenol	7.395	128	128475	20.769	ng/u1	95
13) 2-Methylphenol	8.276	108	134432	20.263	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.341	45	194771	20.657	ng/u1#	94
16) Acetophenone	8.647	105	220108	20.391	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.623	70	121101	20.075	ng/u1#	95
18) 4-Methylphenol	8.600	108	145505	19.996	ng/u1	86
19) Hexachloroethane	8.899	117	55260	20.685	ng/u1	94
22) Nitrobenzene	9.023	77	193438	21.747	ng/u1	94
23) Isophorone	9.540	82	336634	20.726	ng/u1	99
25) 2-Nitrophenol	9.734	139	75738	21.313	ng/u1	95
26) 2,4-Dimethylphenol	9.798	107	156108	20.379	ng/u1	93
27) Bis(2-Chloroethoxy)met...	10.027	93	184836	20.557	ng/u1	95
29) 2,4-Dichlorophenol	10.268	162	140125	20.979	ng/u1	94
30) Naphthalene	10.668	128	445305	21.576	ng/u1	95
32) 4-Chloroaniline	10.779	127	169301	20.489	ng/u1	94
33) Hexachlorobutadiene	10.956	225	124689	20.928	ng/u1	98
34) Caprolactam	11.520	113	42845m	19.032	ng/u1	
35) 4-Chloro-3-methylphenol	11.913	107	144584	21.268	ng/u1	91
36) 2-Methylnaphthalene	12.278	142	314565	21.472	ng/u1	96

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.501	142	317077	20.613	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.654	216	229606	21.722	ng/ul	98
40) Hexachlorocyclopentadiene	12.630	237	82122	18.214	ng/ul#	92
41) 2,4,6-Trichlorophenol	12.895	196	119062	20.528	ng/ul	92
42) 2,4,5-Trichlorophenol	12.971	196	128559	21.478	ng/ul	95
43) 1,1'-Biphenyl	13.294	154	431949	21.638	ng/ul	97
44) 2-Chloronaphthalene	13.335	162	339779	21.661	ng/ul	95
45) 2-Nitroaniline	13.547	65	114534	23.166	ng/ul	98
47) Dimethylphthalate	13.923	163	438082	22.019	ng/ul#	97
48) 2,6-Dinitrotoluene	14.046	165	90521	22.427	ng/ul	88
50) Acenaphthylene	14.187	152	512843	21.908	ng/ul	96
51) 3-Nitroaniline	14.375	138	84848	22.952	ng/ul	96
52) Acenaphthene	14.534	153	377646	22.336	ng/ul	98
53) 2,4-Dinitrophenol	14.598	184	35499	17.130	ng/ul	89
55) 4-Nitrophenol	14.698	109	69179	19.619	ng/ul	95
56) Dibenzofuran	14.869	168	539049	22.222	ng/ul	98
57) 2,4-Dinitrotoluene	14.839	165	137178	22.210	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.104	232	115540	20.313	ng/ul	92
59) Diethylphthalate	15.292	149	437669	21.779	ng/ul#	97
61) Fluorene	15.521	166	443158	21.462	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.515	204	265345	21.535	ng/ul	98
63) 4-Nitroaniline	15.544	138	92421	24.420	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.609	198	94207	20.321	ng/ul#	94
67) N-Nitrosodiphenylamine	15.727	169	381164	20.804	ng/ul	95
68) 4-Bromophenyl-phenylether	16.408	248	181831	21.028	ng/ul	98
69) Hexachlorobenzene	16.531	284	191797	21.156	ng/ul#	92
70) Atrazine	16.678	200	184238	20.813	ng/ul	97
71) Pentachlorophenol	16.884	266	69165m	16.314	ng/ul	
72) Phenanthrene	17.266	178	776722	21.114	ng/ul	98
74) Anthracene	17.354	178	803785	21.397	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.265	216	235268	20.952	ng/ul	88
76) Pentachlorobenzene	14.792	250	231371	20.866	ng/ul	98
77) Carbazole	17.630	167	688283	22.083	ng/ul	97
78) Di-n-butylphthalate	18.188	149	775696	21.709	ng/ul	99
80) Fluoranthene	19.281	202	1040582	21.851	ng/ul	99
82) Pyrene	19.651	202	1109514	21.742	ng/ul	98
83) Butylbenzylphthalate	20.544	149	360864	21.791	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.379	252	423585	22.950	ng/ul	97
85) Benzo(a)anthracene	21.461	228	1203959	21.671	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.373	149	535034	22.229	ng/ul#	99
87) Chrysene	21.520	228	1141742	21.979	ng/ul	98
89) Di-n-octyl phthalate	22.513	149	921255	22.195	ng/ul	100
90) Benzo(b)fluoranthene	23.553	252	1191176	21.208	ng/ul	99
91) Benzo(k)fluoranthene	23.617	252	1223056	21.700	ng/ul	99
93) Benzo(a)pyrene	24.369	252	1100422	20.933	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	27.948	276	1340058	20.553	ng/ul	98
95) Dibenzo(a,h)anthracene	27.989	278	1097280	20.585	ng/ul	98
96) Benzo(g,h,i)perylene	28.999	276	1041066m	21.058	ng/ul	

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

