

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111524\
 Data File : BG063429.D
 Acq On : 15 Nov 2024 17:00
 Operator : RC/JU
 Sample : P4783-02MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E1H28MS

Quant Time: Nov 15 17:37:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 06 15:45:52 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/18/2024
 Supervised By :mohammad ahmed 11/18/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.835	152	86855	20.000	ng/u1	0.00
20) Naphthalene-d8	10.620	136	375337	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.474	164	303846	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.224	188	740150	20.000	ng/u1	0.00
79) Chrysene-d12	21.484	240	796353	20.000	ng/u1	# 0.00
88) Perylene-d12	24.521	264	848944	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	11862m	6.175	ng/uL	0.00
4) Pyridine-d5	3.716	84	47303	7.451	ng/u1	0.00
7) Phenol-d5	7.006	99	84609	10.796	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.165	67	169921	36.963	ng/u1	0.00
11) 2-Chlorophenol-d4	7.371	132	177284	34.850	ng/u1	0.00
15) 4-Methylphenol-d8	8.546	113	167693	25.244	ng/u1	0.00
21) Nitrobenzene-d5	8.986	128	103566	39.248	ng/u1	0.00
24) 2-Nitrophenol-d4	9.709	143	135323	39.679	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.250	165	257877	38.530	ng/u1	0.00
31) 4-Chloroaniline-d4	10.761	131	237462	27.240	ng/u1	0.00
46) Dimethylphthalate-d6	13.881	166	872573	36.662	ng/u1	0.00
49) Acenaphthylene-d8	14.163	160	881803	37.853	ng/u1	0.00
54) 4-Nitrophenol-d4	14.691	143	39715	12.188	ng/u1	0.01
60) Fluorene-d10	15.467	176	759832	37.828	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.596	200	205542	44.187	ng/u1	0.00
73) Anthracene-d10	17.324	188	1385972	43.569	ng/u1	0.00
81) Pyrene-d10	19.621	212	1809795	45.327	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.316	264	1789223	43.652	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.340	88	16743m	7.080	ng/uL	
5) Pyridine	3.734	79	52801	8.151	ng/u1	97
6) Benzaldehyde	6.977	77	182691	42.177	ng/u1	92
8) Phenol	7.036	94	93734	10.975	ng/u1#	86
10) Bis(2-Chloroethyl)ether	7.259	93	206973	35.632	ng/u1	94
12) 2-Chlorophenol	7.400	128	179818	33.046	ng/u1	98
13) 2-Methylphenol	8.281	108	178896	28.676	ng/u1	92
14) 2,2'-oxybis(1-Chloropr...	8.352	45	291275	39.674	ng/u1	95
16) Acetophenone	8.652	105	370518	34.642	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.634	70	208114	33.357	ng/u1	99
18) 4-Methylphenol	8.610	108	177164	24.974	ng/u1	90
19) Hexachloroethane	8.910	117	57424	26.042	ng/u1	86
22) Nitrobenzene	9.028	77	306754	37.702	ng/u1	95
23) Isophorone	9.550	82	574263	33.441	ng/u1	97
25) 2-Nitrophenol	9.744	139	135832	40.291	ng/u1	96
26) 2,4-Dimethylphenol	9.803	107	228923	31.131	ng/u1	94
27) Bis(2-Chloroethoxy)met...	10.032	93	313873	37.915	ng/u1	95
29) 2,4-Dichlorophenol	10.279	162	245022	38.833	ng/u1	91
30) Naphthalene	10.673	128	666026	34.680	ng/u1	98
32) 4-Chloroaniline	10.784	127	217994	26.128	ng/u1	100
33) Hexachlorobutadiene	10.961	225	163816	27.127	ng/u1	95
34) Caprolactam	11.589	113	14157m	5.398	ng/u1	
35) 4-Chloro-3-methylphenol	11.918	107	251663	33.241	ng/u1	97
36) 2-Methylnaphthalene	12.288	142	515722	33.881	ng/u1	99

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37) 1-Methylnaphthalene	12.506	142	510306	32.239	ng/ul	92
39) 1,2,4,5-Tetrachloroben...	12.659	216	376638	35.163	ng/ul#	97
40) Hexachlorocyclopentadiene	12.635	237	103981	17.779	ng/ul#	93
41) 2,4,6-Trichlorophenol	12.899	196	232952	40.291	ng/ul	92
42) 2,4,5-Trichlorophenol	12.976	196	266864	42.565	ng/ul	91
43) 1,1'-Biphenyl	13.299	154	771571	40.061	ng/ul#	98
44) 2-Chloronaphthalene	13.346	162	587746	39.199	ng/ul	100
45) 2-Nitroaniline	13.546	65	211422	41.336	ng/ul	93
47) Dimethylphthalate	13.928	163	796194	34.889	ng/ul	99
48) 2,6-Dinitrotoluene	14.051	165	169100	38.722	ng/ul	98
50) Acenaphthylene	14.192	152	899098	38.745	ng/ul	97
51) 3-Nitroaniline	14.380	138	149331	39.176	ng/ul	96
52) Acenaphthene	14.539	153	659694	39.720	ng/ul	98
53) 2,4-Dinitrophenol	14.592	184	115538	40.129	ng/ul	94
55) 4-Nitrophenol	14.703	109	39421	9.308	ng/ul#	80
56) Dibenzofuran	14.874	168	971468	38.210	ng/ul	99
57) 2,4-Dinitrotoluene	14.844	165	262642	38.027	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.103	232	257626m	39.677	ng/ul	
59) Diethylphthalate	15.297	149	834141	35.651	ng/ul	98
61) Fluorene	15.526	166	818620	38.043	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.514	204	497047	35.942	ng/ul	95
63) 4-Nitroaniline	15.549	138	173300	44.920	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.614	198	198411	41.100	ng/ul	98
67) N-Nitrosodiphenylamine	15.731	169	671420	40.664	ng/ul	97
68) 4-Bromophenyl-phenylether	16.413	248	341849	40.401	ng/ul	93
69) Hexachlorobenzene	16.536	284	362481	40.213	ng/ul	99
70) Atrazine	16.689	200	291795	32.304	ng/ul	96
71) Pentachlorophenol	16.883	266	193285	42.771	ng/ul	98
72) Phenanthrene	17.265	178	1465702	43.342	ng/ul	99
74) Anthracene	17.359	178	1485267	42.874	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.270	216	382341	39.947	ng/ul	93
76) Pentachlorobenzene	14.797	250	408112	39.985	ng/ul	95
77) Carbazole	17.629	167	1302722	45.293	ng/ul	98
78) Di-n-butylphthalate	18.193	149	1490549	45.559	ng/ul	100
80) Fluoranthene	19.286	202	1911985	44.303	ng/ul#	97
82) Pyrene	19.650	202	2008039	43.896	ng/ul#	95
83) Butylbenzylphthalate	20.549	149	662515	49.556	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.384	252	552067	32.240	ng/ul#	99
85) Benzo(a)anthracene	21.460	228	2138175	42.447	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.378	149	955711	49.078	ng/ul#	99
87) Chrysene	21.525	228	1993920	42.457	ng/ul	99
89) Di-n-octyl phthalate	22.523	149	1666964	49.828	ng/ul	100
90) Benzo(b)fluoranthene	23.558	252	2225168	43.564	ng/ul#	98
91) Benzo(k)fluoranthene	23.622	252	2108956	41.453	ng/ul#	99
93) Benzo(a)pyrene	24.380	252	1955596	41.391	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	27.941	276	2482508	42.836	ng/ul	95
95) Dibenzo(a,h)anthracene	27.999	278	2034944	43.069	ng/ul#	97
96) Benzo(g,h,i)perylene	29.016	276	1898005	43.196	ng/ul	98

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

