Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122624\
Data File : BG063900.D
Acq On : 28 Dec 2024 12:13
Operator : RC/JU
Sample : P5351-07MSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2926MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

Quant Time: Dec 30 00:06:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 24 00:44:39 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.800	152	121890	20.000	ng/ul	0.00
20) Naphthalene-d8	10.591	136	515970	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.445	164	376051	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.200	188	869380	20.000	ng/ul	0.01
79) Chrysene-d12	21.454	240	836346	20.000	ng/ul	0.02
88) Perylene-d12	24.474	264	882082	20.000	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	12323	3.962	ng/uL	0.00
4) Pyridine-d5	3.669	84	190592	19.424	ng/ul	0.00
7) Phenol-d5	6.989	99	243636	21.703	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.130	67	162088	20.905	ng/ul	0.00
11) 2-Chlorophenol-d4	7.336	132	163364	22.478	ng/ul	0.00
15) 4-Methylphenol-d8	8.522	113	188189	21.592	ng/ul	0.00
21) Nitrobenzene-d5	8.957	128	86284	23.421	ng/ul	0.00
24) 2-Nitrophenol-d4	9.674	143	94973	22.998	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.226	165	197537	24.706	ng/ul	0.00
31) 4-Chloroaniline-d4	10.726	131	187473	18.467	ng/ul	0.00
46) Dimethylphthalate-d6	13.851	166	591180	23.103	ng/ul	0.00
49) Acenaphthylene-d8	14.133	160	640949	21.973	ng/ul	0.00
54) 4-Nitrophenol-d4	14.680	143	81207	22.399	ng/ul	0.01
60) Fluorene-d10	15.438	176	489684	21.644	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.579	200	85475	18.936	ng/ul	0.01
73) Anthracene-d10	17.294	188	833808	22.308	ng/ul	0.00
81) Pyrene-d10	19.598	212	863530	19.842	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.263	264	755536	18.240	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	44372	12.054	ng/uL	93
5) Pyridine	3.687	79	323036	30.737	ng/ul	92
6) Benzaldehyde	6.942	77	61988	9.002	ng/ul	95
8) Phenol	7.012	94	385147	32.192	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.224	93	280330	30.624	ng/ul	99
12) 2-Chlorophenol	7.371	128	244255	33.202	ng/ul	97
13) 2-Methylphenol	8.258	108	277579	32.101	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.317	45	427283	31.442	ng/ul	99
16) Acetophenone	8.616	105	440765	29.815	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.599	70	260396	29.521	ng/ul#	92
18) 4-Methylphenol	8.581	108	304156	32.138	ng/ul	95
19) Hexachloroethane	8.875	117	106606	29.492	ng/ul	94
22) Nitrobenzene	8.998	77	385027	31.297	ng/ul	97
23) Isophorone	9.515	82	723502	31.126	ng/ul	99
25) 2-Nitrophenol	9.709	139	150409	35.440	ng/ul	90
26) 2,4-Dimethylphenol	9.780	107	318298	33.051	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.003	93	405992	32.292	ng/ul	97
29) 2,4-Dichlorophenol	10.250	162	272242	34.268	ng/ul	96
30) Naphthalene	10.638	128	836829	32.439	ng/ul	99
32) 4-Chloroaniline	10.755	127	186810	19.340	ng/ul	98
33) Hexachlorobutadiene	10.920	225	191630	29.691	ng/ul	97
34) Caprolactam	11.513	113	91558m	33.339	ng/ul	
35) 4-Chloro-3-methylphenol	11.895	107	306421	32.853	ng/ul	98
36) 2-Methylnaphthalene	12.253	142	593870	32.031	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.477	142	606443	32.112	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.629	216	379723	31.543	ng/ul	99
40) Hexachlorocyclopentadiene	12.606	237	50900	10.696	ng/ul	98
41) 2,4,6-Trichlorophenol	12.876	196	236383	34.742	ng/ul	99
42) 2,4,5-Trichlorophenol	12.958	196	244134	34.381	ng/ul	98
43) 1,1'-Biphenyl	13.270	154	838172	33.797	ng/ul	95
44) 2-Chloronaphthalene	13.311	162	673584	33.823	ng/ul	98
45) 2-Nitroaniline	13.522	65	241942	36.269	ng/ul	96
47) Dimethylphthalate	13.898	163	846421	33.005	ng/ul	99
48) 2,6-Dinitrotoluene	14.022	165	176714	37.103	ng/ul	94
50) Acenaphthylene	14.163	152	1047252	33.483	ng/ul	98
51) 3-Nitroaniline	14.357	138	166520	37.815	ng/ul#	88
52) Acenaphthene	14.509	153	743772	33.551	ng/ul	95
53) 2,4-Dinitrophenol	14.574	184	79076m	32.488	ng/ul	
55) 4-Nitrophenol	14.697	109	114185	30.330	ng/ul	91
56) Dibenzofuran	14.844	168	1072082	34.302	ng/ul	93
57) 2,4-Dinitrotoluene	14.821	165	259440	36.659	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.085	232	208857	34.122	ng/ul	95
59) Diethylphthalate	15.267	149	847610	34.189	ng/ul	99
61) Fluorene	15.497	166	835080	33.462	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.485	204	453245	32.599	ng/ul	96
63) 4-Nitroaniline	15.526	138	188837	42.835	ng/ul	88
66) 4,6-Dinitro-2-methylph...	15.596	198	154890	33.308	ng/ul#	88
67) N-Nitrosodiphenylamine	15.708	169	726466	34.507	ng/ul	97
68) 4-Bromophenyl-phenylether	16.384	248	301981	34.083	ng/ul	99
69) Hexachlorobenzene	16.507	284	332548	33.500	ng/ul	96
70) Atrazine	16.660	200	316957	35.616	ng/ul	96
71) Pentachlorophenol	16.860	266	149059m	35.614	ng/ul	
72) Phenanthrene	17.242	178	1528340	36.480	ng/ul	98
74) Anthracene	17.330	178	1482717	34.967	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.240	216	374163	32.257	ng/ul	98
76) Pentachlorobenzene	14.768	250	380530	33.115	ng/ul	99
77) Carbazole	17.606	167	1304488	38.005	ng/ul	97
78) Di-n-butylphthalate	18.164	149	1575918	38.017	ng/ul	98
80) Fluoranthene	19.263	202	1822503	36.843	ng/ul	96
82) Pyrene	19.627	202	1886164	35.839	ng/ul#	93
83) Butylbenzylphthalate	20.520	149	662384	41.001	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.354	252	469827	31.119	ng/ul	95
85) Benzo(a)anthracene	21.437	228	1783620	34.029	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.343	149	972769	41.393	ng/ul	98
87) Chrysene	21.495	228	1706921	34.168	ng/ul	98
89) Di-n-octyl phthalate	22.482	149	1673379	43.952	ng/ul	100
90) Benzo(b)fluoranthene	23.522	252	1747770	34.862	ng/ul	99
91) Benzo(k)fluoranthene	23.581	252	1726892	34.532	ng/ul	98
93) Benzo(a)pyrene	24.339	252	1609575	34.205	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.894	276	2030792	35.338	ng/ul	96
95) Dibenzo(a,h)anthracene	27.935	278	1623864	35.314	ng/ul	97
96) Benzo(g,h,i)perylene	28.951	276	1588669	34.838	ng/ul	97

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

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