Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122624\
Data File : BG063844.D
Acq On : 26 Dec 2024 20:47
Operator : RC/JU
Sample : P5324-06MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YE5X6MSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024

Quant Time: Dec 27 02:43:21 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	88327	20.000	ng/ul	0.00
20) Naphthalene-d8	10.585	136	382146	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.439	164	311186	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.195	188	749700	20.000	ng/ul	0.00
79) Chrysene-d12	21.443	240	782487	20.000	ng/ul	0.00
88) Perylene-d12	24.463	264	825859	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	10066	4.466	ng/uL	0.00
4) Pyridine-d5	3.664	84	149592	21.039	ng/ul	0.00
7) Phenol-d5	6.983	99	217081	26.685	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.124	67	114567	20.391	ng/ul	0.00
11) 2-Chlorophenol-d4	7.336	132	127338	24.179	ng/ul	0.00
15) 4-Methylphenol-d8	8.517	113	158653	25.120	ng/ul	0.00
21) Nitrobenzene-d5	8.952	128	64843	23.765	ng/ul	0.00
24) 2-Nitrophenol-d4	9.674	143	85655	28.005	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.221	165	169060	28.549	ng/ul	0.00
31) 4-Chloroaniline-d4	10.726	131	209337	27.842	ng/ul	0.00
46) Dimethylphthalate-d6	13.846	166	623057	29.424	ng/ul	0.00
49) Acenaphthylene-d8	14.128	160	559095	23.162	ng/ul	0.00
54) 4-Nitrophenol-d4	14.674	143	89997	29.997	ng/ul	0.00
60) Fluorene-d10	15.432	176	506719	27.066	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.573	200	99395	25.535	ng/ul	0.00
73) Anthracene-d10	17.289	188	1000971	31.055	ng/ul	0.00
81) Pyrene-d10	19.592	212	1058986	26.007	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.257	264	1048067	27.024	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	32770	12.285	ng/uL#	93
5) Pyridine	3.681	79	242562	31.850	ng/ul	91
6) Benzaldehyde	6.936	77	52991	10.620	ng/ul	93
8) Phenol	7.007	94	281456	32.464	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.218	93	195457	29.466	ng/ul	97
12) 2-Chlorophenol	7.365	128	165521	31.049	ng/ul	98
13) 2-Methylphenol	8.252	108	203005	32.397	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.311	45	293032	29.757	ng/ul	96
16) Acetophenone	8.617	105	326905	30.516	ng/ul	92
17) N-Nitroso-di-n-propyla...	8.599	70	193779	30.316	ng/ul	93
18) 4-Methylphenol	8.581	108	229461	33.459	ng/ul	99
19) Hexachloroethane	8.869	117	73735	28.149	ng/ul	95
22) Nitrobenzene	8.993	77	275069	30.189	ng/ul	96
23) Isophorone	9.516	82	547843	31.822	ng/ul	98
25) 2-Nitrophenol	9.704	139	110967	35.302	ng/ul#	85
26) 2,4-Dimethylphenol	9.774	107	234992	32.946	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.997	93	293345	31.503	ng/ul	99
29) 2,4-Dichlorophenol	10.244	162	201895	34.313	ng/ul	96
30) Naphthalene	10.638	128	600932	31.452	ng/ul	99
32) 4-Chloroaniline	10.749	127	148295	20.729	ng/ul	99
33) Hexachlorobutadiene	10.920	225	131744	27.560	ng/ul	97
34) Caprolactam	11.507	113	79499m	39.086	ng/ul	
35) 4-Chloro-3-methylphenol	11.895	107	249794m	36.161	ng/ul	
36) 2-Methylnaphthalene	12.248	142	442478	32.223	ng/ul	99

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
37) 1-Methylnaphthalene	12.471	142	453796	32.444 ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.624	216	274499	27.555 ng/ul	98
40) Hexachlorocyclopentadiene	12.600	237	54838	13.925 ng/ul#	97
41) 2,4,6-Trichlorophenol	12.871	196	181102	32.165 ng/ul	98
42) 2,4,5-Trichlorophenol	12.953	196	198777m	33.828 ng/ul	
43) 1,1'-Biphenyl	13.270	154	634577	30.921 ng/ul	94
44) 2-Chloronaphthalene	13.311	162	498362	30.241 ng/ul	98
45) 2-Nitroaniline	13.517	65	201012	36.415 ng/ul	93
47) Dimethylphthalate	13.893	163	699739	32.973 ng/ul	98
48) 2,6-Dinitrotoluene	14.022	165	145856	37.007 ng/ul#	87
50) Acenaphthylene	14.157	152	832086	32.149 ng/ul	98
51) 3-Nitroaniline	14.351	138	145627	39.964 ng/ul	91
52) Acenaphthene	14.504	153	602365	32.836 ng/ul	95
53) 2,4-Dinitrophenol	14.574	184	70431m	34.968 ng/ul	
55) 4-Nitrophenol	14.686	109	98427	31.594 ng/ul	95
56) Dibenzofuran	14.839	168	860896	33.287 ng/ul	94
57) 2,4-Dinitrotoluene	14.815	165	223368	38.141 ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.080	232	163283	32.237 ng/ul	92
59) Diethylphthalate	15.262	149	698436	34.044 ng/ul	97
61) Fluorene	15.491	166	705991	34.186 ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.485	204	367956	31.981 ng/ul	96
63) 4-Nitroaniline	15.520	138	161974	44.400 ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.591	198	146420	36.513 ng/ul#	89
67) N-Nitrosodiphenylamine	15.702	169	626499	34.510 ng/ul	97
68) 4-Bromophenyl-phenylether	16.378	248	249701	32.681 ng/ul	98
69) Hexachlorobenzene	16.502	284	275198	32.148 ng/ul	94
70) Atrazine	16.654	200	260470	33.941 ng/ul	99
71) Pentachlorophenol	16.854	266	99605	27.597 ng/ul	98
72) Phenanthrene	17.236	178	1275450	35.304 ng/ul	99
74) Anthracene	17.324	178	1298273	35.505 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.235	216	284338	28.426 ng/ul	98
76) Pentachlorobenzene	14.762	250	308614	31.144 ng/ul	99
77) Carbazole	17.600	167	1127141	38.080 ng/ul	99
78) Di-n-butylphthalate	18.158	149	1279348	35.789 ng/ul	98
80) Fluoranthene	19.257	202	1544608	33.375 ng/ul	97
82) Pyrene	19.621	202	1619028	32.881 ng/ul#	95
83) Butylbenzylphthalate	20.514	149	562101	37.188 ng/ul	98
84) 3,3'-Dichlorobenzidine	21.349	252	470111	33.281 ng/ul	94
85) Benzo(a)anthracene	21.425	228	1579967	32.219 ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.337	149	817343	37.173 ng/ul	99
87) Chrysene	21.490	228	1512840	32.368 ng/ul	97
89) Di-n-octyl phthalate	22.471	149	1439940	40.396 ng/ul	100
90) Benzo(b)fluoranthene	23.511	252	1600253	34.093 ng/ul	99
91) Benzo(k)fluoranthene	23.570	252	1566512	33.458 ng/ul	99
93) Benzo(a)pyrene	24.322	252	1478452	33.557 ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.871	276	1872923	34.810 ng/ul	96
95) Dibenzo(a,h)anthracene	27.918	278	1507224	35.009 ng/ul	94
96) Benzo(g,h,i)perylene	28.928	276	1462698	34.259 ng/ul	97

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

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