Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050930.D
Acq On : 10 Nov 2021 6:00
Operator : CG/JU
Sample : PB140619BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SLCS619

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/10/2021
Supervised By :mohammad ahmed 11/11/2021

Quant Time: Nov 10 07:53:07 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 02 14:49:05 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.229	152	44321	20.000	ng/ul	0.00
20) Naphthalene-d8	11.055	136	189584	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.851	164	118986	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.595	188	258441	20.000	ng/ul	-0.01
79) Chrysene-d12	21.895	240	222765	20.000	ng/ul	-0.01
88) Perylene-d12	25.291	264	223104	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.587	96	7571	5.513	ng/uL	0.00
4) Pyridine-d5	4.010	84	108742	26.470	ng/ul	0.00
7) Phenol-d5	7.371	99	126034	26.655	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.542	67	82488	27.007	ng/ul	0.00
11) 2-Chlorophenol-d4	7.753	132	87952	26.841	ng/ul	-0.01
15) 4-Methylphenol-d8	8.928	113	94505	25.389	ng/ul	0.00
21) Nitrobenzene-d5	9.404	128	45810	28.434	ng/ul	0.00
24) 2-Nitrophenol-d4	10.127	143	49802	27.801	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.667	165	84872	28.125	ng/ul	0.00
31) 4-Chloroaniline-d4	11.184	131	107046	23.425	ng/ul	0.00
46) Dimethylphthalate-d6	14.246	166	260013	28.563	ng/ul	0.00
49) Acenaphthylene-d8	14.551	160	331327	29.214	ng/ul	0.00
54) 4-Nitrophenol-d4	15.039	143	45666	27.667	ng/ul	0.00
60) Fluorene-d10	15.838	176	229048	28.403	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.955	200	42779	27.302	ng/ul	0.00
73) Anthracene-d10	17.694	188	354159	28.985	ng/ul	-0.01
81) Pyrene-d10	19.968	212	415339	28.867	ng/ul	-0.01
92) Benzo(a)pyrene-d12	25.056	264	352459	28.577	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.629	88	16584	10.995	ng/uL	97
5) Pyridine	4.034	79	113851	26.773	ng/ul	97
6) Benzaldehyde	7.359	77	85102	28.536	ng/ul	94
8) Phenol	7.401	94	130930	26.769	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.636	93	102323	27.949	ng/ul	98
12) 2-Chlorophenol	7.788	128	91728	27.570	ng/ul	98
13) 2-Methylphenol	8.658	108	95082	26.300	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.746	45	153715	26.656	ng/ul	96
16) Acetophenone	9.057	105	149299	25.819	ng/ul	99
17) N-Nitroso-di-n-propyla...	9.034	70	90783	26.021	ng/ul	96
18) 4-Methylphenol	8.993	108	101747	26.432	ng/ul	96
19) Hexachloroethane	9.316	117	39100	28.108	ng/ul	96
22) Nitrobenzene	9.445	77	129850	28.898	ng/ul	97
23) Isophorone	9.962	82	244951	28.089	ng/ul	100
25) 2-Nitrophenol	10.156	139	53067	29.527	ng/ul	97
26) 2,4-Dimethylphenol	10.203	107	115255	29.139	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.444	93	135685	28.877	ng/ul	98
29) 2,4-Dichlorophenol	10.691	162	86223	29.293	ng/ul	97
30) Naphthalene	11.102	128	298728	28.816	ng/ul	97
32) 4-Chloroaniline	11.208	127	108767	23.970	ng/ul	100
33) Hexachlorobutadiene	11.378	225	57119	29.566	ng/ul	98
34) Caprolactam	11.966	113	32122	25.705	ng/ul	96
35) 4-Chloro-3-methylphenol	12.312	107	104930	27.906	ng/ul	100
36) 2-Methylnaphthalene	12.694	142	196554	27.830	ng/ul	96

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37) 1-Methylnaphthalene	12.912	142	199473	27.874	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.053	216	105462	30.419	ng/ul	96
40) Hexachlorocyclopentadiene	13.023	237	47306	28.414	ng/ul#	97
41) 2,4,6-Trichlorophenol	13.288	196	69034	30.430	ng/ul	98
42) 2,4,5-Trichlorophenol	13.364	196	72689	29.845	ng/ul	100
43) 1,1'-Biphenyl	13.687	154	263689	30.319	ng/ul	100
44) 2-Chloronaphthalene	13.734	162	205672	30.178	ng/ul	98
45) 2-Nitroaniline	13.934	65	80886	29.872	ng/ul	98
47) Dimethylphthalate	14.293	163	269113	29.566	ng/ul	99
48) 2,6-Dinitrotoluene	14.422	165	57902	30.394	ng/ul	100
50) Acenaphthylene	14.580	152	338987	29.823	ng/ul	99
51) 3-Nitroaniline	14.757	138	53909	27.360	ng/ul	91
52) Acenaphthene	14.915	153	223446	29.896	ng/ul	97
53) 2,4-Dinitrophenol	14.968	184	25634	24.391	ng/ul	87
55) 4-Nitrophenol	15.056	109	41803	27.616	ng/ul	95
56) Dibenzofuran	15.250	168	316181	29.554	ng/ul	99
57) 2,4-Dinitrotoluene	15.209	165	80264	29.522	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.468	232	57542	30.063	ng/ul	97
59) Diethylphthalate	15.650	149	284195	29.169	ng/ul	99
61) Fluorene	15.897	166	248327	29.326	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.879	204	129040	29.265	ng/ul	99
63) 4-Nitroaniline	15.914	138	57852	29.596	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.973	198	43488	28.460	ng/ul#	97
67) N-Nitrosodiphenylamine	16.096	169	219636	30.404	ng/ul	97
68) 4-Bromophenyl-phenylether	16.772	248	79020	30.738	ng/ul	96
69) Hexachlorobenzene	16.895	284	81572	30.865	ng/ul	95
70) Atrazine	17.030	200	88202	28.792	ng/ul	98
71) Pentachlorophenol	17.242	266	33783	27.842	ng/ul	96
72) Phenanthrene	17.642	178	417171	30.240	ng/ul	99
74) Anthracene	17.730	178	412435	29.796	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.658	216	109784	31.198	ng/uL	95
76) Pentachlorobenzene	15.168	250	95116	29.172	ng/uL	97
77) Carbazole	18.000	167	388646	31.326	ng/ul	98
78) Di-n-butylphthalate	18.529	149	494819	30.353	ng/ul	100
80) Fluoranthene	19.639	202	519948	30.112	ng/ul	99
82) Pyrene	20.003	202	496949	29.454	ng/ul	100
83) Butylbenzylphthalate	20.867	149	219765	30.290	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.778	252	141418	26.067	ng/ul	98
85) Benzo(a)anthracene	21.872	228	461350	29.915	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.743	149	312283	29.986	ng/ul	100
87) Chrysene	21.942	228	440750	29.918	ng/ul	99
89) Di-n-octyl phthalate	23.012	149	532623	29.324	ng/ul	100
90) Benzo(b)fluoranthene	24.204	252	468364	29.468	ng/ul	99
91) Benzo(k)fluoranthene	24.275	252	434435	29.129	ng/ul	100
93) Benzo(a)pyrene	25.133	252	441262	29.150	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	29.204	276	498668m	29.593	ng/ul	
95) Dibenzo(a,h)anthracene	29.263	278	419157	29.398	ng/ul	99
96) Benzo(g,h,i)perylene	30.427	276	414920	29.415	ng/ul	98

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

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