Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090721\
Data File : BG050191.D
Acq On : 8 Sep 2021 9:02
Operator : CG/JU
Sample : PB138845BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SLCS845

Manual Integrations APPROVED
mohammad
9/9/2021 8:41:27 AM

Quant Time: Sep 08 11:00:16 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG090721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 07 18:32:38 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	30161	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.766	136	122672	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.607	164	82385	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.362	188	184087	20.000	ng/ul	0.00
79) Chrysene-d12	21.633	240	186398	20.000	ng/ul	0.00
88) Perylene-d12	24.846	264	224940	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	4294	7.038	ng/uL	0.00
4) Pyridine-d5	3.734	84	103593	47.836	ng/ul	0.00
7) Phenol-d5	7.123	99	86977	37.141	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.270	67	45725	33.433	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.482	132	63269	32.554	ng/ul	0.00
15) 4-Methylphenol-d8	8.674	113	65049	35.329	ng/ul	0.00
21) Nitrobenzene-d5	9.127	128	41409	49.179	ng/ul	0.00
24) 2-Nitrophenol-d4	9.843	143	48904	47.764	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.395	165	99156	50.742	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.907	131	80238	33.328	ng/ul	-0.01
46) Dimethylphthalate-d6	14.008	166	206365	33.174	ng/ul	-0.01
49) Acenaphthylene-d8	14.302	160	250515	33.821	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.842	143	25198m	33.570	ng/ul	-0.01
60) Fluorene-d10	15.606	176	174132	33.713	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.747	200	35170	31.672	ng/ul	0.00
73) Anthracene-d10	17.462	188	275264	33.309	ng/ul	0.00
81) Pyrene-d10	19.753	212	336208	36.212	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.629	264	392501	32.962	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.340	88	10874	15.652	ng/uL#	96
5) Pyridine	3.752	79	99157	43.562	ng/ul#	90
6) Benzaldehyde	7.082	77	63153	48.649	ng/ul	93
8) Phenol	7.147	94	89235	38.695	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.364	93	60100	35.150	ng/ul	97
12) 2-Chlorophenol	7.517	128	66154	34.931	ng/ul#	88
13) 2-Methylphenol	8.404	108	68205	36.747	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.475	45	62057	35.964	ng/ul	99
16) Acetophenone	8.780	105	107354	39.629	ng/ul#	91
17) N-Nitroso-di-n-propyla...	8.756	70	54799	37.934	ng/ul	94
18) 4-Methylphenol	8.739	108	70358	39.910	ng/ul	88
19) Hexachloroethane	9.027	117	37788	47.835	ng/ul	94
22) Nitrobenzene	9.162	77	121828	55.557	ng/ul	99
23) Isophorone	9.685	82	209629	50.062	ng/ul	98
25) 2-Nitrophenol	9.879	139	48944	48.457	ng/ul#	87
26) 2,4-Dimethylphenol	9.937	107	102937	42.826	ng/ul	88
27) Bis(2-Chloroethoxy)met...	10.166	93	125679	49.479	ng/ul	99
29) 2,4-Dichlorophenol	10.425	162	87493	48.952	ng/ul	99
30) Naphthalene	10.818	128	211103	37.469	ng/ul	97
32) 4-Chloroaniline	10.930	127	82528	36.391	ng/ul	90
33) Hexachlorobutadiene	11.095	225	52905	37.343	ng/ul	96
34) Caprolactam	11.705	113	20640m	37.957	ng/ul	
35) 4-Chloro-3-methylphenol	12.076	107	75277	37.368	ng/ul	98
36) 2-Methylnaphthalene	12.428	142	158867	38.131	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.651	142	147871	36.963	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.804	216	92099	33.052	ng/ul	97
40) Hexachlorocyclopentadiene	12.775	237	14842	19.644	ng/ul	94
41) 2,4,6-Trichlorophenol	13.051	196	51421	32.685	ng/ul	94
42) 2,4,5-Trichlorophenol	13.133	196	54008	32.827	ng/ul	90
43) 1,1'-Biphenyl	13.438	154	202802	34.098	ng/ul	100
44) 2-Chloronaphthalene	13.485	162	160216	34.254	ng/ul	99
45) 2-Nitroaniline	13.697	65	53116	35.871	ng/ul	94
47) Dimethylphthalate	14.055	163	204925	34.514	ng/ul	98
48) 2,6-Dinitrotoluene	14.190	165	44286	35.031	ng/ul	88
50) Acenaphthylene	14.331	152	239607	34.612	ng/ul	98
51) 3-Nitroaniline	14.525	138	41946	36.445	ng/ul	94
52) Acenaphthene	14.672	153	170476	34.561	ng/ul	97
53) 2,4-Dinitrophenol	14.748	184	14273	27.567	ng/ul#	73
55) 4-Nitrophenol	14.854	109	31131m	37.268	ng/ul	
56) Dibenzofuran	15.013	168	237020	34.926	ng/ul	100
57) 2,4-Dinitrotoluene	14.989	165	64983	35.971	ng/ul#	92
58) 2,3,4,6-Tetrachlorophenol	15.248	232	48442	38.875	ng/ul#	93
59) Diethylphthalate	15.418	149	212766	35.454	ng/ul	99
61) Fluorene	15.659	166	197554	34.721	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.647	204	105870	34.946	ng/ul	98
63) 4-Nitroaniline	15.694	138	45195	42.163	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.765	198	31985	32.432	ng/ul	94
67) N-Nitrosodiphenylamine	15.865	169	168916	33.935	ng/ul	99
68) 4-Bromophenyl-phenylether	16.546	248	74345	34.080	ng/ul	96
69) Hexachlorobenzene	16.669	284	85181	34.440	ng/ul	94
70) Atrazine	16.816	200	76449	36.629	ng/ul	98
71) Pentachlorophenol	17.028	266	18354	27.091	ng/ul	87
72) Phenanthrene	17.404	178	327096	34.839	ng/ul	98
74) Anthracene	17.498	178	325350	34.174	ng/ul	94
75) 1,2,3,4-Tetrachloroben...	13.409	216	94480	33.118	ng/uL	93
76) Pentachlorobenzene	14.936	250	94023	31.920	ng/uL	94
77) Carbazole	17.774	167	289956	34.547	ng/ul	99
78) Di-n-butylphthalate	18.314	149	359818	35.450	ng/ul	99
80) Fluoranthene	19.424	202	422009	36.570	ng/ul	99
82) Pyrene	19.783	202	416220	36.774	ng/ul	99
83) Butylbenzylphthalate	20.658	149	160580	37.097	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.527	252	148983	37.055	ng/ul	97
85) Benzo(a)anthracene	21.616	228	401256	35.163	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.504	149	230411	35.642	ng/ul	97
87) Chrysene	21.686	228	382972	36.002	ng/ul	97
89) Di-n-octyl phthalate	22.702	149	390844	30.022	ng/ul	100
90) Benzo(b)fluoranthene	23.824	252	427736m	30.385	ng/ul	
91) Benzo(k)fluoranthene	23.895	252	407986	30.361	ng/ul	100
93) Benzo(a)pyrene	24.700	252	483665	39.300	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	28.536	276	473893	29.387	ng/ul#	96
95) Dibenzo(a,h)anthracene	28.588	278	393618	29.424	ng/ul#	98
96) Benzo(g,h,i)perylene	29.687	276	383847	29.709	ng/ul	98

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

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