Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070921\
Data File : BG049269.D
Acq On : 10 Jul 2021 17:03
Operator : CG/JU
Sample : PB137573BS
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SLCS573

Manual Integrations APPROVED
mohammad
7/12/2021 12:34:50 PM

Quant Time: Jul 11 00:38:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 03:15:38 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.073	152	25997	20.000	ng/ul	# 0.00
20) Naphthalene-d8	10.893	136	114964	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.718	164	83799	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.468	188	203483	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.757	240	203375	20.000	ng/ul	0.00
88) Perylene-d12	25.047	264	195848	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.466	96	3495	6.324	ng/uL	0.00
4) Pyridine-d5	3.883	84	47409	29.174	ng/ul	0.00
7) Phenol-d5	7.221	99	83243	36.811	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.391	67	47142	35.943	ng/ul	0.00
11) 2-Chlorophenol-d4	7.603	132	63156	37.788	ng/ul	0.00
15) 4-Methylphenol-d8	8.778	113	65567	36.188	ng/ul	0.00
21) Nitrobenzene-d5	9.242	128	33056	37.470	ng/ul	0.00
24) 2-Nitrophenol-d4	9.970	143	38524	38.041	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.511	165	76866	38.899	ng/ul	0.00
31) 4-Chloroaniline-d4	11.028	131	81336	31.585	ng/ul	0.00
46) Dimethylphthalate-d6	14.118	166	250303	38.839	ng/ul	0.00
49) Acenaphthylene-d8	14.412	160	289444	38.278	ng/ul	0.00
54) 4-Nitrophenol-d4	14.912	143	40848	38.294	ng/ul	0.00
60) Fluorene-d10	15.711	176	215328	39.463	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.828	200	50215	38.825	ng/ul	0.00
73) Anthracene-d10	17.567	188	330827	35.710	ng/ul	0.00
81) Pyrene-d10	19.853	212	414918	39.805	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.824	264	435309	42.758	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.496	88	9586	14.242	ng/uL#	82
5) Pyridine	3.901	79	55072	30.549	ng/ul	89
6) Benzaldehyde	7.209	77	57265m	42.094	ng/ul	
8) Phenol	7.250	94	85514	37.812	ng/ul	92
10) Bis(2-Chloroethyl)ether	7.485	93	59640	35.467	ng/ul	88
12) 2-Chlorophenol	7.638	128	62656	37.141	ng/ul	97
13) 2-Methylphenol	8.513	108	62706	36.401	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.601	45	102153	37.769	ng/ul	96
16) Acetophenone	8.901	105	112705	37.921	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.883	70	59083	39.123	ng/ul#	91
18) 4-Methylphenol	8.842	108	67566	37.702	ng/ul	99
19) Hexachloroethane	9.171	117	27917	36.549	ng/ul	89
22) Nitrobenzene	9.283	77	91547	36.798	ng/ul#	94
23) Isophorone	9.806	82	163195	37.974	ng/ul	98
25) 2-Nitrophenol	10.000	139	38422	37.189	ng/ul	92
26) 2,4-Dimethylphenol	10.053	107	52286	22.855	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.288	93	85908	37.494	ng/ul	93
29) 2,4-Dichlorophenol	10.540	162	69019	38.226	ng/ul	93
30) Naphthalene	10.946	128	212608	37.092	ng/ul	98
32) 4-Chloroaniline	11.052	127	78790	31.034	ng/ul	100
33) Hexachlorobutadiene	11.228	225	55795	36.440	ng/ul	95
34) Caprolactam	11.815	113	24935m	39.698	ng/ul	
35) 4-Chloro-3-methylphenol	12.168	107	80569	39.947	ng/ul	98
36) 2-Methylnaphthalene	12.550	142	166102	38.141	ng/ul	89

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.767	142	162536	37.530	ng/ul	91
39) 1,2,4,5-Tetrachloroben...	12.914	216	101644	38.618	ng/ul#	96
40) Hexachlorocyclopentadiene	12.891	237	42864	24.522	ng/ul	93
41) 2,4,6-Trichlorophenol	13.149	196	61352	36.035	ng/ul	90
42) 2,4,5-Trichlorophenol	13.225	196	67488	37.268	ng/ul	88
43) 1,1'-Biphenyl	13.554	154	219286	38.733	ng/ul	98
44) 2-Chloronaphthalene	13.596	162	170380	38.411	ng/ul	98
45) 2-Nitroaniline	13.795	65	69823	42.935	ng/ul	95
47) Dimethylphthalate	14.166	163	242336	40.512	ng/ul#	99
48) 2,6-Dinitrotoluene	14.289	165	53116	41.231	ng/ul	91
50) Acenaphthylene	14.442	152	261039	38.816	ng/ul	98
51) 3-Nitroaniline	14.618	138	48639	41.462	ng/ul	93
52) Acenaphthene	14.782	153	194382	39.800	ng/ul	99
53) 2,4-Dinitrophenol	14.829	184	33608	41.164	ng/ul	97
55) 4-Nitrophenol	14.929	109	55397	41.139	ng/ul	92
56) Dibenzofuran	15.117	168	277322	40.066	ng/ul	95
57) 2,4-Dinitrotoluene	15.076	165	77709	41.801	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.341	232	59558	35.073	ng/ul	96
59) Diethylphthalate	15.529	149	261736	40.705	ng/ul	96
61) Fluorene	15.770	166	240498	41.054	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.758	204	132212	41.055	ng/ul	97
63) 4-Nitroaniline	15.787	138	51921	45.085	ng/ul	86
66) 4,6-Dinitro-2-methylph...	15.840	198	48206	39.166	ng/ul#	96
67) N-Nitrosodiphenylamine	15.969	169	205769	39.718	ng/ul	99
68) 4-Bromophenyl-phenylether	16.651	248	93647	41.262	ng/ul	93
69) Hexachlorobenzene	16.774	284	103371	40.218	ng/ul	99
70) Atrazine	16.915	200	61903	26.108	ng/ul	97
71) Pentachlorophenol	17.115	266	47008	30.643	ng/ul	95
72) Phenanthrene	17.515	178	401217	40.425	ng/ul	98
74) Anthracene	17.603	178	374634	36.952	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.519	216	102168	36.805	ng/uL	97
76) Pentachlorobenzene	15.041	250	110300	37.455	ng/uL	98
77) Carbazole	17.873	167	356426	39.409	ng/ul	99
78) Di-n-butylphthalate	18.425	149	445872	39.402	ng/ul	100
80) Fluoranthene	19.518	202	497236	41.016	ng/ul	99
82) Pyrene	19.882	202	491239	40.668	ng/ul	99
83) Butylbenzylphthalate	20.764	149	193344	40.771	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.645	252	162437	34.185	ng/ul	98
85) Benzo(a)anthracene	21.733	228	489927	39.200	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.633	149	280951	40.619	ng/ul	99
87) Chrysene	21.804	228	473120	40.020	ng/ul	100
89) Di-n-octyl phthalate	22.867	149	475682	43.150	ng/ul	100
90) Benzo(b)fluoranthene	24.001	252	529045	43.788	ng/ul	99
91) Benzo(k)fluoranthene	24.072	252	506552	43.000	ng/ul	95
93) Benzo(a)pyrene	24.900	252	450913	42.408	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.831	276	609876	44.456	ng/ul	96
95) Dibenzo(a,h)anthracene	28.884	278	515314	45.351	ng/ul	96
96) Benzo(g,h,i)perylene	30.000	276	498337	43.936	ng/ul	96

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

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