Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062521\
Data File : BG049090.D
Acq On : 25 Jun 2021 13:40
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
6/29/2021 2:27:45 PM

Quant Time: Jun 25 14:32:52 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 24 11:02:36 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.105	152	27254	20.00	ng	0.00
21) Naphthalene-d8	10.925	136	111817	20.00	ng	# 0.00
39) Acenaphthene-d10	14.744	164	85335	20.00	ng	0.00
64) Phenanthrene-d10	17.494	188	204096	20.00	ng	# 0.00
76) Chrysene-d12	21.783	240	208260	20.00	ng	0.00
86) Perylene-d12	25.102	264	220618	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.655	112	136848	78.16	ng	0.00
7) Phenol-d6	7.259	99	197164	75.14	ng	0.00
23) Nitrobenzene-d5	9.274	82	208346	80.34	ng	0.00
42) 2,4,6-Tribromophenol	16.236	330	124087	98.15	ng	0.00
45) 2-Fluorobiphenyl	13.369	172	477865	79.11	ng	0.00
79) Terphenyl-d14	20.102	244	965348	84.89	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.534	88	30811	36.05	ng	# 82
3) Pyridine	3.939	79	82658	35.65	ng	94
4) n-Nitrosodimethylamine	3.851	42	47234	42.54	ng	# 73
6) Aniline	7.423	93	116141	35.15	ng	# 95
8) 2-Chlorophenol	7.670	128	75397	39.07	ng	95
9) Benzaldehyde	7.235	77	54073	39.82	ng	# 88
10) Phenol	7.282	94	99592	36.74	ng	92
11) bis(2-Chloroethyl)ether	7.517	93	70820	35.21	ng	86
12) 1,3-Dichlorobenzene	7.993	146	81687	37.89	ng	98
13) 1,4-Dichlorobenzene	8.140	146	82690	38.48	ng	94
14) 1,2-Dichlorobenzene	8.463	146	78061	37.76	ng	93
15) Benzyl Alcohol	8.340	79	87291	36.32	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.634	45	123685	32.50	ng	85
17) 2-Methylphenol	8.545	107	65931	37.09	ng	95
18) Hexachloroethane	9.198	117	33564	38.93	ng	96
19) n-Nitroso-di-n-propyla...	8.916	70	70296	34.27	ng	96
20) 3+4-Methylphenols	8.874	107	90101	37.07	ng	95
22) Acetophenone	8.933	105	129795	38.15	ng	# 97
24) Nitrobenzene	9.315	77	108956	37.30	ng	96
25) Isophorone	9.838	82	195517	34.61	ng	97
26) 2-Nitrophenol	10.026	139	45177	45.59	ng	97
27) 2,4-Dimethylphenol	10.085	122	65531	36.48	ng	97
28) bis(2-Chloroethoxy)met...	10.320	93	92153	35.23	ng	98
29) 2,4-Dichlorophenol	10.572	162	79078	39.24	ng	93
30) 1,2,4-Trichlorobenzene	10.784	180	92806	40.16	ng	95
31) Naphthalene	10.978	128	246689	37.03	ng	98
32) Benzoic acid	10.220	122	53549	45.64	ng	83
33) 4-Chloroaniline	11.078	127	105122	37.17	ng	# 97
34) Hexachlorobutadiene	11.260	225	69790	42.38	ng	96
35) Caprolactam	11.859	113	28130	48.28	ng	# 40
36) 4-Chloro-3-methylphenol	12.200	107	95920	38.94	ng	# 92
37) 2-Methylnaphthalene	12.576	142	192663	38.29	ng	95
38) 1-Methylnaphthalene	12.799	142	182694	38.67	ng	100
40) 1,2,4,5-Tetrachloroben...	12.940	216	113887	42.03	ng	97
41) Hexachlorocyclopentadiene	12.923	237	67824	38.94	ng	98
43) 2,4,6-Trichlorophenol	13.181	196	80657	44.49	ng	95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.258	196	85820	45.78	ng		93
46) 1,1'-Biphenyl	13.581	154	244341	38.84	ng		95
47) 2-Chloronaphthalene	13.622	162	193701	38.55	ng		98
48) 2-Nitroaniline	13.822	65	76489	42.76	ng		93
49) Acenaphthylene	14.468	152	311331	37.19	ng		94
50) Dimethylphthalate	14.198	163	273069	41.08	ng		100
51) 2,6-Dinitrotoluene	14.315	165	61049	45.10	ng		91
52) Acenaphthene	14.815	154	196897	36.49	ng		96
53) 3-Nitroaniline	14.644	138	60044	43.81	ng		86
54) 2,4-Dinitrophenol	14.850	184	35898	57.25	ng		99
55) Dibenzofuran	15.144	168	323318	38.55	ng		98
56) 4-Nitrophenol	14.956	139	49198	44.03	ng		91
57) 2,4-Dinitrotoluene	15.097	165	90120	54.20	ng		93
58) Fluorene	15.796	166	270304	39.41	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.367	232	84485	44.52	ng		97
60) Diethylphthalate	15.555	149	290867	40.40	ng		96
61) 4-Chlorophenyl-phenyle...	15.784	204	150616	42.00	ng		98
62) 4-Nitroaniline	15.807	138	62584	45.15	ng		91
63) Azobenzene	16.078	77	290180	35.23	ng		90
65) 4,6-Dinitro-2-methylph...	15.866	198	56095	57.96	ng		89
66) n-Nitrosodiphenylamine	15.996	169	239370	37.63	ng		98
67) 4-Bromophenyl-phenylether	16.677	248	105482	41.39	ng		96
68) Hexachlorobenzene	16.800	284	116726	42.26	ng		96
69) Atrazine	16.941	200	90271	44.22	ng		99
70) Pentachlorophenol	17.141	266	73918	44.53	ng		100
71) Phenanthrene	17.541	178	450128	39.20	ng		98
72) Anthracene	17.629	178	457078	39.61	ng		98
73) Carbazole	17.899	167	439452	39.73	ng		99
74) Di-n-butylphthalate	18.451	149	515652	41.56	ng		98
75) Fluoranthene	19.544	202	586364	42.34	ng		99
77) Benzidine	19.721	184	214682	51.17	ng		99
78) Pyrene	19.909	202	581054	38.44	ng		99
80) Butylbenzylphthalate	20.784	149	224594	39.38	ng		98
81) Benzo(a)anthracene	21.765	228	594057	39.73	ng		99
82) 3,3'-Dichlorobenzidine	21.677	252	195335	40.85	ng		97
83) Chrysene	21.836	228	568356	39.64	ng		98
84) Bis(2-ethylhexyl)phtha...	21.665	149	320632	39.44	ng		95
85) Di-n-octyl phthalate	22.911	149	541822	39.30	ng		97
87) Indeno(1,2,3-cd)pyrene	28.910	276	697721	42.02	ng		98
88) Benzo(b)fluoranthene	24.045	252	630397	40.08	ng	#	95
89) Benzo(k)fluoranthene	24.121	252	594776m	39.86	ng		
90) Benzo(a)pyrene	24.950	252	581789	40.53	ng	#	99
91) Dibenzo(a,h)anthracene	28.980	278	591451	42.62	ng	#	97
92) Benzo(g,h,i)perylene	30.097	276	576140	41.17	ng		98

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

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