Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031621\
Data File : BG048392.D
Acq On : 16 Mar 2021 15:57
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG031621

Manual Integrations APPROVED
mohammad
3/17/2021 10:51:26 AM

Quant Time: Mar 16 16:32:44 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 16 16:05:10 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.118	152	54598	20.00	ng		0.00
21) Naphthalene-d8	10.944	136	201496	20.00	ng		0.00
39) Acenaphthene-d10	14.757	164	148399	20.00	ng		0.00
64) Phenanthrene-d10	17.507	188	369079	20.00	ng		0.00
76) Chrysene-d12	21.802	240	385106	20.00	ng	#	0.00
86) Perylene-d12	25.145	264	404964	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.662	112	258868	81.44	ng		0.00
7) Phenol-d6	7.260	99	389659	83.21	ng		0.00
23) Nitrobenzene-d5	9.287	82	391432	86.32	ng		0.00
42) 2,4,6-Tribromophenol	16.243	330	169278	89.16	ng		0.00
45) 2-Fluorobiphenyl	13.382	172	823865	78.24	ng		0.00
79) Terphenyl-d14	20.115	244	1579285	79.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.541	88	58708	38.62	ng	#	94
3) Pyridine	3.946	79	163948	39.52	ng		90
4) n-Nitrosodimethylamine	3.858	42	90877	37.93	ng	#	67
6) Aniline	7.436	93	230939	40.10	ng	#	86
8) 2-Chlorophenol	7.677	128	132468	41.28	ng		87
9) Benzaldehyde	7.248	77	110070	38.11	ng	#	75
10) Phenol	7.283	94	198332	41.50	ng	#	69
11) bis(2-Chloroethyl)ether	7.530	93	139583	40.44	ng		94
12) 1,3-Dichlorobenzene	8.006	146	156706	38.29	ng	#	84
13) 1,4-Dichlorobenzene	8.159	146	158949	38.85	ng		93
14) 1,2-Dichlorobenzene	8.476	146	148984m	37.22	ng		
15) Benzyl Alcohol	8.353	79	175474	42.76	ng	#	83
16) 2,2'-oxybis(1-Chloropr...	8.646	45	161021	38.17	ng		85
17) 2-Methylphenol	8.547	107	125231	40.97	ng	#	82
18) Hexachloroethane	9.210	117	58562	39.12	ng		96
19) n-Nitroso-di-n-propyla...	8.928	70	149656	41.47	ng	#	96
20) 3+4-Methylphenols	8.876	107	176198	43.19	ng		85
22) Acetophenone	8.940	105	223524	39.25	ng	#	90
24) Nitrobenzene	9.328	77	207764	42.04	ng	#	79
25) Isophorone	9.857	82	393559	40.45	ng	#	90
26) 2-Nitrophenol	10.045	139	70978	46.08	ng	#	75
27) 2,4-Dimethylphenol	10.092	122	128894	41.78	ng		88
28) bis(2-Chloroethoxy)met...	10.339	93	178022	40.74	ng		96
29) 2,4-Dichlorophenol	10.579	162	145079	43.58	ng		96
30) 1,2,4-Trichlorobenzene	10.803	180	175915	40.50	ng		100
31) Naphthalene	10.991	128	432071	39.30	ng		98
32) Benzoic acid	10.215	122	87895	45.25	ng	#	88
33) 4-Chloroaniline	11.091	127	186254	40.30	ng	#	86
34) Hexachlorobutadiene	11.279	225	136205	40.14	ng		98
35) Caprolactam	11.860	113	52119	45.90	ng		97
36) 4-Chloro-3-methylphenol	12.201	107	170295	42.76	ng	#	83
37) 2-Methylnaphthalene	12.595	142	331774	39.35	ng	#	92
38) 1-Methylnaphthalene	12.812	142	314649	39.59	ng	#	100
40) 1,2,4,5-Tetrachloroben...	12.959	216	212802	38.77	ng	#	97
41) Hexachlorocyclopentadiene	12.936	237	126858	42.23	ng		98
43) 2,4,6-Trichlorophenol	13.188	196	141773	44.07	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.259	196	157373	45.08	ng	#	88
46) 1,1'-Biphenyl	13.594	154	418882	38.89	ng		99
47) 2-Chloronaphthalene	13.641	162	339468	38.90	ng		92
48) 2-Nitroaniline	13.834	65	123498	43.90	ng	#	73
49) Acenaphthylene	14.481	152	547256	39.29	ng		98
50) Dimethylphthalate	14.210	163	480855	42.17	ng		97
51) 2,6-Dinitrotoluene	14.322	165	99447	45.82	ng	#	53
52) Acenaphthene	14.822	154	368907	40.27	ng		99
53) 3-Nitroaniline	14.651	138	95748	43.27	ng	#	71
54) 2,4-Dinitrophenol	14.851	184	54433	42.34	ng	#	70
55) Dibenzofuran	15.156	168	551168	39.23	ng		92
56) 4-Nitrophenol	14.945	139	83683	44.47	ng	#	41
57) 2,4-Dinitrotoluene	15.109	165	137594	42.76	ng	#	60
58) Fluorene	15.803	166	466240	39.68	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.374	232	151809	45.04	ng		94
60) Diethylphthalate	15.568	149	463426	41.95	ng		97
61) 4-Chlorophenyl-phenyle...	15.797	204	269923	39.98	ng		98
62) 4-Nitroaniline	15.814	138	106369	44.24	ng	#	52
63) Azobenzene	16.091	77	526105	39.09	ng		87
65) 4,6-Dinitro-2-methylph...	15.873	198	78976	44.04	ng		90
66) n-Nitrosodiphenylamine	16.008	169	426804	39.82	ng		98
67) 4-Bromophenyl-phenylether	16.690	248	174061	39.23	ng		95
68) Hexachlorobenzene	16.807	284	190582	39.39	ng	#	94
69) Atrazine	16.954	200	167523	43.29	ng		99
70) Pentachlorophenol	17.148	266	129640	44.80	ng		98
71) Phenanthrene	17.554	178	765137	39.34	ng		97
72) Anthracene	17.642	178	766352	39.69	ng		97
73) Carbazole	17.906	167	716131	40.08	ng		99
74) Di-n-butylphthalate	18.464	149	796168	43.57	ng	#	96
75) Fluoranthene	19.557	202	1028927	39.89	ng		96
77) Benzidine	19.733	184	404017	40.48	ng		98
78) Pyrene	19.921	202	1030172	40.17	ng		96
80) Butylbenzylphthalate	20.803	149	361194	42.99	ng	#	82
81) Benzo(a)anthracene	21.784	228	1057215	39.62	ng		98
82) 3,3'-Dichlorobenzidine	21.690	252	372871	41.38	ng		93
83) Chrysene	21.854	228	1009712	39.65	ng		100
84) Bis(2-ethylhexyl)phtha...	21.684	149	517091	44.13	ng		96
85) Di-n-octyl phthalate	22.947	149	878558	42.63	ng	#	94
87) Indeno(1,2,3-cd)pyrene	28.976	276	1221539	39.27	ng	#	88
88) Benzo(b)fluoranthene	24.081	252	1123986	39.81	ng	#	96
89) Benzo(k)fluoranthene	24.152	252	1053567	38.89	ng	#	95
90) Benzo(a)pyrene	24.986	252	1026261	39.44	ng	#	95
91) Dibenzo(a,h)anthracene	29.058	278	1023587	38.59	ng	#	95
92) Benzo(g,h,i)perylene	30.180	276	1006763	39.14	ng	#	93

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

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