Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072121\
Data File : BG049401.D
Acq On : 21 Jul 2021 16:33
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG072121

Manual Integrations APPROVED
mohammad
7/22/2021 1:28:18 PM

Quant Time: Jul 21 17:40:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG072121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 21 16:57:05 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.060	152	26395	20.00	ng		# 0.00
21) Naphthalene-d8	10.879	136	102404	20.00	ng		# 0.00
39) Acenaphthene-d10	14.709	164	68265	20.00	ng		0.00
64) Phenanthrene-d10	17.453	188	145293	20.00	ng		# 0.00
76) Chrysene-d12	21.741	240	141816	20.00	ng		0.00
86) Perylene-d12	25.019	264	157833	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.604	112	124632	80.11	ng		0.00
7) Phenol-d6	7.214	99	186552	82.34	ng		0.00
23) Nitrobenzene-d5	9.229	82	180288	78.88	ng		0.00
42) 2,4,6-Tribromophenol	16.196	330	73125	79.99	ng		0.00
45) 2-Fluorobiphenyl	13.329	172	373190	78.66	ng		0.00
79) Terphenyl-d14	20.061	244	602595	82.98	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.478	88	27240	38.65	ng		95
3) Pyridine	3.883	79	76647	42.68	ng	#	84
4) n-Nitrosodimethylamine	3.801	42	38674	43.85	ng	#	67
6) Aniline	7.378	93	100210	40.90	ng	#	96
8) 2-Chlorophenol	7.625	128	64780	40.61	ng		91
9) Benzaldehyde	7.190	77	60095	39.93	ng	#	86
10) Phenol	7.243	94	89455	41.45	ng		90
11) bis(2-Chloroethyl)ether	7.472	93	60670	41.04	ng		87
12) 1,3-Dichlorobenzene	7.948	146	73674	39.06	ng		97
13) 1,4-Dichlorobenzene	8.095	146	73853	39.32	ng		98
14) 1,2-Dichlorobenzene	8.418	146	70910	39.08	ng		95
15) Benzyl Alcohol	8.295	79	75893	40.98	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.588	45	69154	40.04	ng		96
17) 2-Methylphenol	8.500	107	59763	41.59	ng		93
18) Hexachloroethane	9.152	117	28852	39.52	ng		96
19) n-Nitroso-di-n-propyla...	8.864	70	59850	40.20	ng	#	85
20) 3+4-Methylphenols	8.835	107	81932	41.61	ng		93
22) Acetophenone	8.888	105	110121	40.16	ng	#	96
24) Nitrobenzene	9.270	77	95780	39.90	ng		94
25) Isophorone	9.793	82	164647	40.66	ng		98
26) 2-Nitrophenol	9.992	139	36588	41.99	ng		95
27) 2,4-Dimethylphenol	10.039	122	55643	39.94	ng		97
28) bis(2-Chloroethoxy)met...	10.280	93	71825	39.75	ng		94
29) 2,4-Dichlorophenol	10.527	162	66475	41.15	ng		95
30) 1,2,4-Trichlorobenzene	10.738	180	69692	38.20	ng		94
31) Naphthalene	10.932	128	208040	38.52	ng		99
32) Benzoic acid	10.180	122	37708	39.03	ng	#	70
33) 4-Chloroaniline	11.038	127	84546	41.02	ng		96
34) Hexachlorobutadiene	11.214	225	50962	38.98	ng		96
35) Caprolactam	11.807	113	20252	40.37	ng	#	87
36) 4-Chloro-3-methylphenol	12.160	107	76766	40.29	ng	#	91
37) 2-Methylnaphthalene	12.536	142	156388	39.67	ng		93
38) 1-Methylnaphthalene	12.753	142	150042	39.81	ng		97
40) 1,2,4,5-Tetrachloroben...	12.900	216	78708	38.99	ng		98
41) Hexachlorocyclopentadiene	12.883	237	35178	37.33	ng		99
43) 2,4,6-Trichlorophenol	13.135	196	54056m	41.06	ng		

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.217	196	58721	41.23	ng		88
46) 1,1'-Biphenyl	13.540	154	194403	38.84	ng		99
47) 2-Chloronaphthalene	13.582	162	153782	40.01	ng		98
48) 2-Nitroaniline	13.787	65	55429	41.44	ng		96
49) Acenaphthylene	14.427	152	246325	39.52	ng		96
50) Dimethylphthalate	14.157	163	196664	39.66	ng		99
51) 2,6-Dinitrotoluene	14.275	165	42550	39.52	ng		93
52) Acenaphthene	14.774	154	148982	39.60	ng		89
53) 3-Nitroaniline	14.610	138	45024	41.70	ng		86
54) 2,4-Dinitrophenol	14.815	184	21017	40.68	ng		91
55) Dibenzofuran	15.103	168	235407	39.00	ng		97
56) 4-Nitrophenol	14.915	139	34679	40.72	ng		90
57) 2,4-Dinitrotoluene	15.068	165	61340	41.22	ng		96
58) Fluorene	15.755	166	190889	39.03	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.332	232	52569	40.37	ng		97
60) Diethylphthalate	15.514	149	197069	39.56	ng		98
61) 4-Chlorophenyl-phenyle...	15.743	204	98590	39.63	ng		95
62) 4-Nitroaniline	15.773	138	46095	40.56	ng	#	84
63) Azobenzene	16.037	77	217237	39.38	ng		86
65) 4,6-Dinitro-2-methylph...	15.831	198	33606	42.70	ng		91
66) n-Nitrosodiphenylamine	15.955	169	164901	39.51	ng		97
67) 4-Bromophenyl-phenylether	16.642	248	65423	39.75	ng		94
68) Hexachlorobenzene	16.760	284	71281	38.25	ng	#	92
69) Atrazine	16.906	200	65950	39.88	ng		94
70) Pentachlorophenol	17.106	266	37456	41.09	ng		94
71) Phenanthrene	17.500	178	302795	38.77	ng		97
72) Anthracene	17.588	178	299025	38.95	ng		98
73) Carbazole	17.858	167	292449	40.05	ng		100
74) Di-n-butylphthalate	18.410	149	327061	39.28	ng		98
75) Fluoranthene	19.509	202	380982	39.18	ng		97
77) Benzidine	19.685	184	152279	38.80	ng		97
78) Pyrene	19.867	202	381616	41.00	ng		98
80) Butylbenzylphthalate	20.748	149	145419	42.97	ng		97
81) Benzo(a)anthracene	21.718	228	359274	40.00	ng		98
82) 3,3'-Dichlorobenzidine	21.629	252	103017	39.75	ng		96
83) Chrysene	21.788	228	346433	39.99	ng		99
84) Bis(2-ethylhexyl)phtha...	21.612	149	212279	41.83	ng	#	96
85) Di-n-octyl phthalate	22.845	149	372726	42.52	ng	#	98
87) Indeno(1,2,3-cd)pyrene	28.773	276	453374	40.58	ng		98
88) Benzo(b)fluoranthene	23.973	252	398628	39.20	ng	#	96
89) Benzo(k)fluoranthene	24.044	252	381889	40.37	ng	#	99
90) Benzo(a)pyrene	24.860	252	371680	40.32	ng	#	96
91) Dibenzo(a,h)anthracene	28.843	278	381244	40.63	ng	#	98
92) Benzo(g,h,i)perylene	29.954	276	379972	40.92	ng	#	96

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

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