Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032621\
Data File : BM029220.D
Acq On : 25 Mar 2021 13:33
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
mohammad
3/26/2021 1:31:19 PM

Quant Time: Mar 25 14:05:57 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 25 13:53:31 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.758	152	95120	20.00	ng		0.00
21) Naphthalene-d8	10.540	136	357131	20.00	ng		0.00
39) Acenaphthene-d10	14.386	164	215590	20.00	ng		0.00
64) Phenanthrene-d10	17.122	188	422027	20.00	ng		0.00
76) Chrysene-d12	21.292	240	429162	20.00	ng		0.00
86) Perylene-d12	23.533	264	435042	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.352	112	541973	99.59	ng		0.00
7) Phenol-d6	6.928	99	776478	98.83	ng		0.00
23) Nitrobenzene-d5	8.910	82	740524	101.75	ng		0.00
42) 2,4,6-Tribromophenol	15.869	330	206409	97.19	ng		0.00
45) 2-Fluorobiphenyl	13.010	172	1476323	96.46	ng		0.00
79) Terphenyl-d14	19.745	244	2076361	96.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.299	88	119000	48.55	ng		99
3) Pyridine	3.693	79	308879m	49.94	ng		
4) n-Nitrosodimethylamine	3.605	42	145927	51.92	ng		95
6) Aniline	7.093	93	423188	49.21	ng		99
8) 2-Chlorophenol	7.322	128	303065	48.91	ng		97
9) Benzaldehyde	6.905	77	226480	45.16	ng		94
10) Phenol	6.952	94	382362	49.14	ng		98
11) bis(2-Chloroethyl)ether	7.187	93	269775	47.29	ng		100
12) 1,3-Dichlorobenzene	7.652	146	333461	47.83	ng		98
13) 1,4-Dichlorobenzene	7.793	146	338080	48.15	ng		99
14) 1,2-Dichlorobenzene	8.110	146	325966	47.58	ng		98
15) Benzyl Alcohol	7.993	79	284916	48.29	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.293	45	402414	45.75	ng		99
17) 2-Methylphenol	8.193	107	245629	48.61	ng		99
18) Hexachloroethane	8.834	117	123174	47.75	ng		97
19) n-Nitroso-di-n-propyla...	8.563	70	250433	47.51	ng		96
20) 3+4-Methylphenols	8.522	107	336068	48.91	ng		99
22) Acetophenone	8.575	105	436429	48.57	ng	#	99
24) Nitrobenzene	8.952	77	380379	49.74	ng		100
25) Isophorone	9.475	82	639718	49.83	ng		99
26) 2-Nitrophenol	9.657	139	139856	58.51	ng		97
27) 2,4-Dimethylphenol	9.716	122	242254	49.22	ng		98
28) bis(2-Chloroethoxy)met...	9.957	93	325806	47.90	ng		98
29) 2,4-Dichlorophenol	10.187	162	268857	50.62	ng		99
30) 1,2,4-Trichlorobenzene	10.404	180	291051	48.00	ng		100
31) Naphthalene	10.593	128	907794	48.12	ng		100
32) Benzoic acid	9.840	122	155480	55.47	ng		93
33) 4-Chloroaniline	10.698	127	370864	49.15	ng		99
34) Hexachlorobutadiene	10.881	225	170740	47.79	ng		99
35) Caprolactam	11.475	113	82895	50.11	ng		97
36) 4-Chloro-3-methylphenol	11.822	107	286806	49.65	ng		96
37) 2-Methylnaphthalene	12.204	142	642342	47.59	ng		99
38) 1-Methylnaphthalene	12.422	142	612160	47.85	ng		98
40) 1,2,4,5-Tetrachloroben...	12.575	216	295137	49.10	ng		99
41) Hexachlorocyclopentadiene	12.557	237	165844	49.68	ng		98
43) 2,4,6-Trichlorophenol	12.810	196	200610	51.70	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.881	196	222820	51.31	ng	98
46) 1,1'-Biphenyl	13.222	154	793655	48.04	ng	99
47) 2-Chloronaphthalene	13.257	162	631006	49.17	ng	99
48) 2-Nitroaniline	13.463	65	200421	53.64	ng	97
49) Acenaphthylene	14.110	152	977972	49.71	ng	99
50) Dimethylphthalate	13.845	163	728669	47.42	ng	98
51) 2,6-Dinitrotoluene	13.963	165	166693	50.44	ng	97
52) Acenaphthene	14.451	154	604354	47.97	ng	99
53) 3-Nitroaniline	14.287	138	173435	53.71	ng	100
54) 2,4-Dinitrophenol	14.492	184	84091	54.11	ng	98
55) Dibenzofuran	14.786	168	949556	47.51	ng	100
56) 4-Nitrophenol	14.586	139	151191	49.94	ng	98
57) 2,4-Dinitrotoluene	14.745	165	226601	54.62	ng	99
58) Fluorene	15.433	166	777233	47.90	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.010	232	180884	50.46	ng	100
60) Diethylphthalate	15.216	149	728717	47.66	ng	99
61) 4-Chlorophenyl-phenyle...	15.433	204	358859	47.50	ng	99
62) 4-Nitroaniline	15.451	138	185684	53.66	ng	97
63) Azobenzene	15.722	77	843604	48.79	ng	99
65) 4,6-Dinitro-2-methylph...	15.504	198	119999	54.43	ng	98
66) n-Nitrosodiphenylamine	15.645	169	667142	49.64	ng	100
67) 4-Bromophenyl-phenylether	16.322	248	189654	46.74	ng	99
68) Hexachlorobenzene	16.433	284	221743	48.35	ng	98
69) Atrazine	16.592	200	217578	50.33	ng	97
70) Pentachlorophenol	16.775	266	137848	49.40	ng	98
71) Phenanthrene	17.169	178	1191491	48.60	ng	100
72) Anthracene	17.257	178	1177792	49.70	ng	100
73) Carbazole	17.522	167	1163025	49.70	ng	100
74) Di-n-butylphthalate	18.098	149	1141331	50.14	ng	100
75) Fluoranthene	19.180	202	1336373	49.15	ng	98
77) Benzidine	19.363	184	748293	54.80	ng	100
78) Pyrene	19.539	202	1422418	49.89	ng	99
80) Butylbenzylphthalate	20.445	149	512293	55.38	ng	98
81) Benzo(a)anthracene	21.280	228	1381169	49.43	ng	100
82) 3,3'-Dichlorobenzidine	21.215	252	429233	51.84	ng	98
83) Chrysene	21.327	228	1365277	49.30	ng	99
84) Bis(2-ethylhexyl)phtha...	21.221	149	733016	52.90	ng	98
85) Di-n-octyl phthalate	22.098	149	1202201	51.39	ng	99
87) Indeno(1,2,3-cd)pyrene	25.798	276	1595156	49.91	ng	100
88) Benzo(b)fluoranthene	22.862	252	1379178	48.48	ng	99
89) Benzo(k)fluoranthene	22.904	252	1383497	50.26	ng	100
90) Benzo(a)pyrene	23.433	252	1289630	50.46	ng	99
91) Dibenzo(a,h)anthracene	25.815	278	1364066	49.39	ng	98
92) Benzo(g,h,i)perylene	26.492	276	1328878	50.16	ng	100

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

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