Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072921\
Data File : BF124856.D
Acq On : 29 Jul 2021 17:48
Operator : JU/CG
Sample : M3176-02MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
18-B7-TP-(9.5-12)MSD

Manual Integrations APPROVED
mohammad
7/30/2021 12:00:57 PM

Quant Time: Jul 29 18:25:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 15:28:57 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	7223	20.000	ng	# 0.00
21) Naphthalene-d8	8.157	136	29668	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	18332	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	34813	20.000	ng	0.00
76) Chrysene-d12	14.045	240	22604	20.000	ng	0.00
86) Perylene-d12	15.521	264	16883	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	56871	133.313	ng	0.03
7) Phenol-d6	6.510	99	63765	119.230	ng	0.01
23) Nitrobenzene-d5	7.445	82	49254	98.810	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	24276	154.233	ng	0.01
45) 2-Fluorobiphenyl	9.233	172	106291	85.160	ng	0.00
79) Terphenyl-d14	12.992	244	134270	101.822	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.863	88	6796	45.575	ng	# 100
3) Pyridine	3.557	79	12694	35.960	ng	93
4) n-Nitrosodimethylamine	3.504	42	13267	47.524	ng	# 99
6) Aniline	6.539	93	12282	22.346	ng	# 91
8) 2-Chlorophenol	6.663	128	23508	48.857	ng	95
9) Benzaldehyde	6.428	77	8843	30.711	ng	92
10) Phenol	6.522	94	23622	46.124	ng	94
11) bis(2-Chloroethyl)ether	6.610	93	23442	57.729	ng	96
12) 1,3-Dichlorobenzene	6.816	146	23603	45.134	ng	96
13) 1,4-Dichlorobenzene	6.892	146	23314	44.563	ng	96
14) 1,2-Dichlorobenzene	7.045	146	22812	45.129	ng	95
15) Benzyl Alcohol	7.022	79	20431	58.094	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	34775	50.881	ng	94
17) 2-Methylphenol	7.128	107	17924	51.134	ng	92
18) Hexachloroethane	7.386	117	10427	52.582	ng	92
19) n-Nitroso-di-n-propyla...	7.292	70	17818	62.393	ng	# 89
20) 3+4-Methylphenols	7.280	107	23425	50.580	ng	# 76
22) Acetophenone	7.286	105	34934	50.812	ng	# 89
24) Nitrobenzene	7.463	77	25343	51.857	ng	99
25) Isophorone	7.698	82	45868	52.039	ng	94
26) 2-Nitrophenol	7.775	139	13541	50.026	ng	# 91
27) 2,4-Dimethylphenol	7.810	122	21437	51.469	ng	94
28) bis(2-Chloroethoxy)met...	7.904	93	29614	57.817	ng	# 97
29) 2,4-Dichlorophenol	8.016	162	20776	47.100	ng	96
30) 1,2,4-Trichlorobenzene	8.098	180	22805	47.170	ng	98
31) Naphthalene	8.180	128	71240	46.013	ng	97
32) Benzoic acid	7.939	122	12704	39.407	ng	95
33) 4-Chloroaniline	8.227	127	6284	10.793	ng	# 94
34) Hexachlorobutadiene	8.292	225	13860	47.960	ng	97
35) Caprolactam	8.622	113	6384m	55.683	ng	
36) 4-Chloro-3-methylphenol	8.710	107	24048	57.156	ng	88
37) 2-Methylnaphthalene	8.869	142	49395	47.747	ng	96
38) 1-Methylnaphthalene	8.969	142	46522	47.470	ng	97
40) 1,2,4,5-Tetrachloroben...	9.039	216	23515	45.974	ng	96
41) Hexachlorocyclopentadiene	9.022	237	22836	75.462	ng	97
43) 2,4,6-Trichlorophenol	9.151	196	16968	46.731	ng	96

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Sample : M3176-02MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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Quant Time: Jul 29 18:25:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 15:28:57 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	17786	47.706	ng		97
46) 1,1'-Biphenyl	9.339	154	62206	45.459	ng		99
47) 2-Chloronaphthalene	9.363	162	47901	44.219	ng		96
48) 2-Nitroaniline	9.457	65	15216	53.644	ng		87
49) Acenaphthylene	9.780	152	76779	45.961	ng		99
50) Dimethylphthalate	9.645	163	64576	51.158	ng		99
51) 2,6-Dinitrotoluene	9.704	165	13270	47.585	ng	#	82
52) Acenaphthene	9.951	154	46324	41.831	ng		94
53) 3-Nitroaniline	9.869	138	8465	28.853	ng		84
54) 2,4-Dinitrophenol	9.980	184	11474	71.154	ng		92
55) Dibenzofuran	10.121	168	72381	45.740	ng		99
56) 4-Nitrophenol	10.039	139	19705	85.053	ng		88
57) 2,4-Dinitrotoluene	10.110	165	18765	49.586	ng	#	93
58) Fluorene	10.469	166	56943	46.907	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	14437	49.032	ng	#	94
60) Diethylphthalate	10.339	149	69996	53.326	ng		98
61) 4-Chlorophenyl-phenyle...	10.457	204	28151	47.970	ng		94
62) 4-Nitroaniline	10.498	138	13558	46.704	ng		90
63) Azobenzene	10.616	77	60682	52.255	ng		95
65) 4,6-Dinitro-2-methylph...	10.521	198	7977	35.382	ng		89
66) n-Nitrosodiphenylamine	10.580	169	50413	44.686	ng		97
67) 4-Bromophenyl-phenylether	10.945	248	18076	48.958	ng	#	82
68) Hexachlorobenzene	11.016	284	18767	48.943	ng	#	89
69) Atrazine	11.110	200	17768	51.802	ng		92
70) Pentachlorophenol	11.210	266	20623	86.492	ng		95
71) Phenanthrene	11.433	178	87128	46.533	ng		99
72) Anthracene	11.486	178	88729	47.401	ng		99
73) Carbazole	11.639	167	76964	43.864	ng		98
74) Di-n-butylphthalate	11.963	149	120739	51.662	ng		97
75) Fluoranthene	12.621	202	87546	45.818	ng		97
77) Benzidine	12.733	184	15027	23.575	ng		97
78) Pyrene	12.851	202	88167	49.269	ng		98
80) Butylbenzylphthalate	13.462	149	46019	53.692	ng		97
81) Benzo(a)anthracene	14.033	228	66592	45.069	ng		98
82) 3,3'-Dichlorobenzidine	13.998	252	13841	33.754	ng		98
83) Chrysene	14.074	228	63429	44.559	ng		99
84) Bis(2-ethylhexyl)phtha...	14.015	149	72024	57.050	ng		100
85) Di-n-octyl phthalate	14.627	149	109061	53.235	ng		99
87) Indeno(1,2,3-cd)pyrene	17.015	276	53103	54.481	ng		92
88) Benzo(b)fluoranthene	15.092	252	55451	46.649	ng		98
89) Benzo(k)fluoranthene	15.121	252	52205	48.066	ng		98
90) Benzo(a)pyrene	15.462	252	49519	49.869	ng		97
91) Dibenzo(a,h)anthracene	17.033	278	45130	52.890	ng	#	96
92) Benzo(g,h,i)perylene	17.468	276	42615	52.666	ng	#	93

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

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