Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072921\
Data File : BF124858.D
Acq On : 29 Jul 2021 18:54
Operator : JU/CG
Sample : M3206-05MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SPLP-LEACHATE-AMENDED-COM-

Manual Integrations APPROVED
mohammad
7/30/2021 12:01:00 PM

Quant Time: Jul 30 02:53:57 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	6.869	152	7282	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	28947	20.000	ng	#	0.00
39) Acenaphthene-d10	9.916	164	17740	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	32958	20.000	ng		0.00
76) Chrysene-d12	14.051	240	21121	20.000	ng	#	0.01
86) Perylene-d12	15.521	264	18063	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	23126	53.771	ng		0.00
7) Phenol-d6	6.498	99	16719	31.008	ng		0.00
23) Nitrobenzene-d5	7.445	82	50113	103.037	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	23268	152.762	ng		0.01
45) 2-Fluorobiphenyl	9.234	172	110032	91.099	ng		0.00
79) Terphenyl-d14	12.992	244	144192	117.024	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.652	88	2405	15.997	ng	#	100
3) Pyridine	3.422	79	5120	14.387	ng		93
4) n-Nitrosodimethylamine	3.357	42	4346	15.442	ng		92
6) Aniline	6.534	93	18541	33.460	ng		96
8) 2-Chlorophenol	6.657	128	16685	34.396	ng		94
9) Benzaldehyde	6.422	77	14479	49.878	ng		93
10) Phenol	6.510	94	7236	14.014	ng		90
11) bis(2-Chloroethyl)ether	6.604	93	20846	50.920	ng		97
12) 1,3-Dichlorobenzene	6.816	146	21751	41.256	ng		93
13) 1,4-Dichlorobenzene	6.892	146	22691	43.021	ng		96
14) 1,2-Dichlorobenzene	7.045	146	22320	43.798	ng		99
15) Benzyl Alcohol	7.016	79	11358	32.034	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.151	45	33824	49.088	ng		92
17) 2-Methylphenol	7.128	107	10990	31.099	ng		95
18) Hexachloroethane	7.387	117	9240	46.219	ng		92
19) n-Nitroso-di-n-propyla...	7.292	70	16098	55.913	ng		95
20) 3+4-Methylphenols	7.281	107	12576	26.935	ng	#	42
22) Acetophenone	7.287	105	34105	50.842	ng		98
24) Nitrobenzene	7.463	77	23148	48.546	ng		99
25) Isophorone	7.698	82	43342	50.398	ng	#	92
26) 2-Nitrophenol	7.775	139	11645	44.093	ng	#	86
27) 2,4-Dimethylphenol	7.810	122	17250	42.448	ng		92
28) bis(2-Chloroethoxy)met...	7.904	93	27634	55.295	ng		97
29) 2,4-Dichlorophenol	8.016	162	17685	41.091	ng		96
30) 1,2,4-Trichlorobenzene	8.098	180	20684	43.849	ng		98
31) Naphthalene	8.181	128	67186	44.475	ng		97
32) Benzoic acid	7.898	122	3269	10.393	ng	#	85
33) 4-Chloroaniline	8.228	127	21577	37.984	ng		96
34) Hexachlorobutadiene	8.292	225	12702	45.047	ng		99
35) Caprolactam	8.622	113	431m	3.853	ng		
36) 4-Chloro-3-methylphenol	8.704	107	18698	45.548	ng		91
37) 2-Methylnaphthalene	8.869	142	46854	46.419	ng		99
38) 1-Methylnaphthalene	8.969	142	43606	45.603	ng		99
40) 1,2,4,5-Tetrachloroben...	9.039	216	21684	43.809	ng		98
41) Hexachlorocyclopentadiene	9.022	237	17227	58.827	ng		99
43) 2,4,6-Trichlorophenol	9.145	196	15004	42.701	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	15747	43.646	ng		98
46) 1,1'-Biphenyl	9.339	154	58863	44.452	ng		100
47) 2-Chloronaphthalene	9.363	162	46389	44.253	ng		99
48) 2-Nitroaniline	9.457	65	14809	53.952	ng		93
49) Acenaphthylene	9.781	152	73438	45.428	ng		99
50) Dimethylphthalate	9.645	163	61958	50.722	ng		97
51) 2,6-Dinitrotoluene	9.704	165	12807	47.458	ng		89
52) Acenaphthene	9.951	154	45062	42.049	ng		99
53) 3-Nitroaniline	9.875	138	9923	34.952	ng	#	71
54) 2,4-Dinitrophenol	9.981	184	12474	79.937	ng		92
55) Dibenzofuran	10.122	168	69318	45.266	ng		99
56) 4-Nitrophenol	10.033	139	5769	25.732	ng		98
57) 2,4-Dinitrotoluene	10.110	165	18173	49.624	ng	#	98
58) Fluorene	10.469	166	56418	48.026	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.239	232	13295	46.660	ng	#	93
60) Diethylphthalate	10.339	149	66067	52.012	ng		99
61) 4-Chlorophenyl-phenyle...	10.457	204	27448	48.333	ng		92
62) 4-Nitroaniline	10.492	138	12682	45.144	ng		94
63) Azobenzene	10.616	77	57482	51.152	ng		94
65) 4,6-Dinitro-2-methylph...	10.522	198	8694	40.733	ng	#	82
66) n-Nitrosodiphenylamine	10.580	169	48484	45.395	ng		98
67) 4-Bromophenyl-phenylether	10.945	248	17399	49.777	ng	#	84
68) Hexachlorobenzene	11.016	284	18461	50.855	ng	#	88
69) Atrazine	11.110	200	16002	49.279	ng		89
70) Pentachlorophenol	11.210	266	20488	90.762	ng		94
71) Phenanthrene	11.433	178	82139	46.337	ng		100
72) Anthracene	11.486	178	86400	48.755	ng		99
73) Carbazole	11.639	167	73344	44.153	ng		99
74) Di-n-butylphthalate	11.963	149	118250	53.445	ng		99
75) Fluoranthene	12.633	202	86596	47.872	ng		96
77) Benzidine	12.739	184	26753	44.918	ng		99
78) Pyrene	12.851	202	86057	51.467	ng		98
80) Butylbenzylphthalate	13.463	149	45624	56.968	ng		96
81) Benzo(a)anthracene	14.039	228	65998	47.803	ng		97
82) 3,3'-Dichlorobenzidine	13.998	252	17872	46.645	ng		98
83) Chrysene	14.074	228	62366	46.888	ng		98
84) Bis(2-ethylhexyl)phtha...	14.016	149	70908	60.110	ng		99
85) Di-n-octyl phthalate	14.627	149	110808	57.886	ng		98
87) Indeno(1,2,3-cd)pyrene	17.015	276	54950	52.693	ng		95
88) Benzo(b)fluoranthene	15.092	252	58479	45.983	ng		97
89) Benzo(k)fluoranthene	15.121	252	53995	46.466	ng	#	97
90) Benzo(a)pyrene	15.463	252	51340	48.325	ng		98
91) Dibenzo(a,h)anthracene	17.033	278	49075	53.756	ng		95
92) Benzo(g,h,i)perylene	17.474	276	45352	52.388	ng	#	89

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

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