Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072921\
Data File : BF124859.D
Acq On : 29 Jul 2021 19:27
Operator : JU/CG
Sample : M3206-05MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
7/30/2021 12:01:03 PM

Quant Time: Jul 30 02:54:13 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	8205	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	33136	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	19233	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	33136	20.000	ng		0.00
76) Chrysene-d12	14.045	240	21177	20.000	ng		0.00
86) Perylene-d12	15.521	264	17812	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	25160	51.919	ng		0.00
7) Phenol-d6	6.498	99	18894	31.100	ng		0.00
23) Nitrobenzene-d5	7.445	82	55385	99.481	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	23993	145.294	ng		0.01
45) 2-Fluorobiphenyl	9.239	172	118943	90.832	ng		0.00
79) Terphenyl-d14	12.992	244	135939	110.034	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.669	88	2635	15.556	ng	#	100
3) Pyridine	3.434	79	5745	14.327	ng		88
4) n-Nitrosodimethylamine	3.369	42	4978	15.698	ng		89
6) Aniline	6.534	93	21298	34.112	ng	#	96
8) 2-Chlorophenol	6.657	128	18735	34.277	ng		95
9) Benzaldehyde	6.422	77	15580	47.633	ng		92
10) Phenol	6.510	94	8076	13.882	ng		95
11) bis(2-Chloroethyl)ether	6.604	93	22551	48.888	ng		96
12) 1,3-Dichlorobenzene	6.816	146	24767	41.692	ng		96
13) 1,4-Dichlorobenzene	6.892	146	24835	41.789	ng		99
14) 1,2-Dichlorobenzene	7.045	146	24732	43.071	ng		97
15) Benzyl Alcohol	7.016	79	12104	30.298	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.151	45	37143	47.841	ng		94
17) 2-Methylphenol	7.128	107	12077	30.330	ng		95
18) Hexachloroethane	7.386	117	9973	44.274	ng		89
19) n-Nitroso-di-n-propyla...	7.292	70	18551	57.185	ng	#	85
20) 3+4-Methylphenols	7.281	107	13811	26.252	ng	#	59
22) Acetophenone	7.286	105	37940	49.409	ng		99
24) Nitrobenzene	7.463	77	25662	47.014	ng		97
25) Isophorone	7.698	82	48914	49.687	ng	#	91
26) 2-Nitrophenol	7.775	139	12842	42.478	ng	#	83
27) 2,4-Dimethylphenol	7.810	122	19527	41.977	ng		91
28) bis(2-Chloroethoxy)met...	7.904	93	30511	53.334	ng		98
29) 2,4-Dichlorophenol	8.016	162	19394	39.365	ng		97
30) 1,2,4-Trichlorobenzene	8.098	180	23452	43.432	ng		99
31) Naphthalene	8.180	128	73163	42.309	ng		99
32) Benzoic acid	7.916	122	3468	9.632	ng		94
33) 4-Chloroaniline	8.228	127	25001	38.448	ng		95
34) Hexachlorobutadiene	8.292	225	13753	42.609	ng		98
35) Caprolactam	8.633	113	289m	2.257	ng		
36) 4-Chloro-3-methylphenol	8.704	107	20348	43.301	ng		94
37) 2-Methylnaphthalene	8.869	142	53530	46.329	ng		100
38) 1-Methylnaphthalene	8.969	142	48704	44.495	ng		99
40) 1,2,4,5-Tetrachloroben...	9.039	216	24289	45.262	ng		97
41) Hexachlorocyclopentadiene	9.022	237	18840	59.341	ng		93
43) 2,4,6-Trichlorophenol	9.151	196	15739	41.315	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	17186	43.937	ng		95
46) 1,1'-Biphenyl	9.339	154	63640	44.329	ng		99
47) 2-Chloronaphthalene	9.363	162	50788	44.688	ng		98
48) 2-Nitroaniline	9.463	65	15546	52.240	ng		99
49) Acenaphthylene	9.780	152	80253	45.790	ng		98
50) Dimethylphthalate	9.645	163	66384	50.127	ng		99
51) 2,6-Dinitrotoluene	9.704	165	13864	47.386	ng		91
52) Acenaphthene	9.951	154	47262	40.679	ng		96
53) 3-Nitroaniline	9.874	138	11177	36.312	ng		85
54) 2,4-Dinitrophenol	9.986	184	12713	75.145	ng	#	85
55) Dibenzofuran	10.127	168	74656	44.967	ng		96
56) 4-Nitrophenol	10.033	139	6037	24.837	ng		91
57) 2,4-Dinitrotoluene	10.110	165	18874	47.538	ng	#	95
58) Fluorene	10.469	166	59195	46.478	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	13744	44.491	ng	#	95
60) Diethylphthalate	10.339	149	70034	50.855	ng		97
61) 4-Chlorophenyl-phenyle...	10.457	204	28879	46.906	ng		97
62) 4-Nitroaniline	10.492	138	12580	41.305	ng		90
63) Azobenzene	10.616	77	61240	50.266	ng		93
65) 4,6-Dinitro-2-methylph...	10.521	198	8669	40.397	ng		86
66) n-Nitrosodiphenylamine	10.580	169	50985	47.481	ng		95
67) 4-Bromophenyl-phenylether	10.951	248	18198	51.783	ng		96
68) Hexachlorobenzene	11.016	284	19450	53.291	ng		93
69) Atrazine	11.110	200	16040	49.131	ng		89
70) Pentachlorophenol	11.210	266	20728	91.332	ng		93
71) Phenanthrene	11.433	178	85339	47.884	ng		98
72) Anthracene	11.486	178	88109	49.452	ng		99
73) Carbazole	11.639	167	72768	43.571	ng		99
74) Di-n-butylphthalate	11.963	149	120387	54.119	ng		99
75) Fluoranthene	12.633	202	85097	46.791	ng		97
77) Benzidine	12.739	184	24406	40.869	ng		99
78) Pyrene	12.851	202	83627	49.881	ng		99
80) Butylbenzylphthalate	13.462	149	43359	53.997	ng		99
81) Benzo(a)anthracene	14.039	228	64829	46.833	ng		97
82) 3,3'-Dichlorobenzidine	13.998	252	18567	48.331	ng		96
83) Chrysene	14.074	228	60044	45.023	ng		99
84) Bis(2-ethylhexyl)phtha...	14.015	149	71045	60.066	ng		99
85) Di-n-octyl phthalate	14.627	149	107396	55.955	ng		99
87) Indeno(1,2,3-cd)pyrene	17.021	276	56857	55.290	ng		93
88) Benzo(b)fluoranthene	15.092	252	57176	45.591	ng		96
89) Benzo(k)fluoranthene	15.121	252	53917	47.053	ng		98
90) Benzo(a)pyrene	15.462	252	51732	49.381	ng		99
91) Dibenzo(a,h)anthracene	17.033	278	49999	55.540	ng	#	96
92) Benzo(g,h,i)perylene	17.468	276	46410	54.365	ng		91

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

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