Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032922\
Data File : BF127562.D
Acq On : 29 Mar 2022 13:38
Operator : CG\JU
Sample : N2123-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SPLP-LEACHATE-AMENDED-COMP-CS-1MSD

Quant Time: Mar 29 16:18:28 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 29 07:13:31 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.834	152	76135	20.000	ng		0.00
21) Naphthalene-d8	8.122	136	262085	20.000	ng		0.00
39) Acenaphthene-d10	9.875	164	148442	20.000	ng		0.00
64) Phenanthrene-d10	11.369	188	216814	20.000	ng		0.00
76) Chrysene-d12	14.015	240	168664	20.000	ng		0.00
86) Perylene-d12	15.498	264	192785	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.463	112	325368	68.216	ng		0.00
7) Phenol-d6	6.475	99	271943	41.710	ng		0.00
23) Nitrobenzene-d5	7.404	82	584716	95.366	ng		0.00
42) 2,4,6-Tribromophenol	10.669	330	182202	115.224	ng		0.00
45) 2-Fluorobiphenyl	9.192	172	949742	93.427	ng		0.00
79) Terphenyl-d14	12.951	244	770572	74.790	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.604	88	50951	24.322	ng		96
3) Pyridine	3.387	79	108258	18.309	ng		94
4) n-Nitrosodimethylamine	3.334	42	75829	23.358	ng		100
6) Aniline	6.498	93	219506	28.213	ng	#	87
8) 2-Chlorophenol	6.622	128	201102	41.259	ng		94
9) Benzaldehyde	6.392	77	183155	57.824	ng		92
10) Phenol	6.492	94	118828	16.736	ng	#	75
11) bis(2-Chloroethyl)ether	6.569	93	259519	49.951	ng		97
12) 1,3-Dichlorobenzene	6.775	146	237051	43.240	ng		95
13) 1,4-Dichlorobenzene	6.851	146	242568	43.987	ng		99
14) 1,2-Dichlorobenzene	7.004	146	222167	41.365	ng		100
15) Benzyl Alcohol	6.987	79	154426	32.591	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.104	45	454077	48.569	ng		76
17) 2-Methylphenol	7.098	107	132181	32.133	ng	#	87
18) Hexachloroethane	7.339	117	120209	59.544	ng		96
19) n-Nitroso-di-n-propyla...	7.251	70	192411	49.234	ng		98
20) 3+4-Methylphenols	7.251	107	151889	29.937	ng	#	58
22) Acetophenone	7.245	105	351872	52.522	ng		92
24) Nitrobenzene	7.428	77	303918	51.976	ng		99
25) Isophorone	7.663	82	543816	55.688	ng		99
26) 2-Nitrophenol	7.739	139	118341	48.256	ng		98
27) 2,4-Dimethylphenol	7.781	122	185378	50.253	ng		98
28) bis(2-Chloroethoxy)met...	7.875	93	300589	47.385	ng		100
29) 2,4-Dichlorophenol	7.986	162	184552	44.069	ng		98
30) 1,2,4-Trichlorobenzene	8.063	180	219935	45.069	ng		95
31) Naphthalene	8.151	128	3403438	244.597	ng		96
32) Benzoic acid	7.910	122	19246	13.978	ng	#	43
33) 4-Chloroaniline	8.198	127	112075	20.786	ng		99
34) Hexachlorobutadiene	8.245	225	133159	42.971	ng		99
35) Caprolactam	8.592	113	10339	8.008	ng	#	85
36) 4-Chloro-3-methylphenol	8.681	107	189911	41.797	ng		96
37) 2-Methylnaphthalene	8.839	142	1422012	158.935	ng		99
38) 1-Methylnaphthalene	8.945	142	1797287	203.149	ng		98
40) 1,2,4,5-Tetrachloroben...	8.998	216	219561	46.519	ng		99
41) Hexachlorocyclopentadiene	8.975	237	3872	11.198	ng		97
43) 2,4,6-Trichlorophenol	9.116	196	134531	47.154	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	139819	47.609	ng		98
46) 1,1'-Biphenyl	9.292	154	623421	55.607	ng		99
47) 2-Chloronaphthalene	9.322	162	414862	46.991	ng		98
48) 2-Nitroaniline	9.433	65	164004	48.470	ng		95
49) Acenaphthylene	9.739	152	710500	53.234	ng		98
50) Dimethylphthalate	9.598	163	447984	43.380	ng		100
51) 2,6-Dinitrotoluene	9.669	165	98436	45.410	ng		92
52) Acenaphthene	9.916	154	823419	105.739	ng		99
53) 3-Nitroaniline	9.845	138	50081	21.061	ng		98
54) 2,4-Dinitrophenol	9.963	184	47261	47.200	ng		87
55) Dibenzofuran	10.080	168	619753	55.963	ng		99
56) 4-Nitrophenol	10.033	139	32929	27.208	ng		97
57) 2,4-Dinitrotoluene	10.075	165	117055	41.952	ng	#	82
58) Fluorene	10.428	166	598097	67.515	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	110529	42.568	ng	#	99
60) Diethylphthalate	10.292	149	419038	44.426	ng		99
61) 4-Chlorophenyl-phenyle...	10.416	204	227662	42.655	ng		95
62) 4-Nitroaniline	10.463	138	88242	39.618	ng		97
63) Azobenzene	10.575	77	482228	43.329	ng		98
65) 4,6-Dinitro-2-methylph...	10.486	198	48206	36.133	ng		84
66) n-Nitrosodiphenylamine	10.533	169	352802	53.455	ng		96
67) 4-Bromophenyl-phenylether	10.904	248	133721	52.826	ng		96
68) Hexachlorobenzene	10.969	284	142080	51.420	ng		96
69) Atrazine	11.069	200	99665	45.360	ng		97
70) Pentachlorophenol	11.175	266	115357	105.760	ng		98
71) Phenanthrene	11.392	178	944692	83.576	ng		99
72) Anthracene	11.445	178	644847	57.488	ng		99
73) Carbazole	11.604	167	661701	61.684	ng		99
74) Di-n-butylphthalate	11.922	149	557539	50.211	ng		99
75) Fluoranthene	12.592	202	574744	46.229	ng		99
78) Pyrene	12.816	202	574329	39.677	ng		100
80) Butylbenzylphthalate	13.416	149	202629	42.533	ng		99
81) Benzo(a)anthracene	14.004	228	544158	48.244	ng		99
82) 3,3'-Dichlorobenzidine	13.963	252	95791	28.896	ng		99
83) Chrysene	14.045	228	502612	47.057	ng		99
84) Bis(2-ethylhexyl)phtha...	13.968	149	282605	51.316	ng		98
85) Di-n-octyl phthalate	14.586	149	529060	72.193	ng		99
87) Indeno(1,2,3-cd)pyrene	17.004	276	589076	45.157	ng		99
88) Benzo(b)fluoranthene	15.063	252	598551	49.241	ng		100
89) Benzo(k)fluoranthene	15.092	252	516494	40.987	ng		99
90) Benzo(a)pyrene	15.433	252	557265	55.861	ng		98
91) Dibenzo(a,h)anthracene	17.004	278	522315	48.497	ng		96
92) Benzo(g,h,i)perylene	17.456	276	506421	45.492	ng		99

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

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