Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021622\
Data File : BP009179.D
Acq On : 16 Feb 2022 15:30
Operator : CG/JU
Sample : N1449-03MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SPLP-LEACHATE-AMENDED-COMPMS

Quant Time: Feb 17 01:58:14 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 16 14:30:24 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.781	152	202459	20.000	ng		0.00
21) Naphthalene-d8	10.581	136	664095	20.000	ng		0.00
39) Acenaphthene-d10	14.428	164	368581	20.000	ng		0.00
64) Phenanthrene-d10	17.186	188	743533	20.000	ng		0.00
76) Chrysene-d12	21.286	240	840987	20.000	ng		0.00
86) Perylene-d12	23.674	264	1012280	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.381	112	755799	66.591	ng		0.00
7) Phenol-d6	6.981	99	561304	37.532	ng		0.00
23) Nitrobenzene-d5	8.946	82	1256793	106.725	ng		0.00
42) 2,4,6-Tribromophenol	15.928	330	820582	166.744	ng		0.00
45) 2-Fluorobiphenyl	13.045	172	2901073	110.184	ng		0.00
79) Terphenyl-d14	19.751	244	4215975	90.153	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.287	88	88629	23.711	ng		98
3) Pyridine	3.693	79	156880	14.367	ng		98
4) n-Nitrosodimethylamine	3.599	42	91566	21.889	ng	#	83
6) Aniline	7.116	93	342217	20.160	ng		100
8) 2-Chlorophenol	7.357	128	525819	41.050	ng		98
9) Benzaldehyde	6.934	77	68261	9.011	ng		99
10) Phenol	7.010	94	220965	14.695	ng		93
11) bis(2-Chloroethyl)ether	7.210	93	594194	50.892	ng		100
12) 1,3-Dichlorobenzene	7.669	146	777440	52.480	ng		98
13) 1,4-Dichlorobenzene	7.816	146	796074	52.640	ng		99
14) 1,2-Dichlorobenzene	8.134	146	739676	50.470	ng		97
15) Benzyl Alcohol	8.034	79	314045	32.987	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.316	45	629425	47.830	ng		100
17) 2-Methylphenol	8.252	107	314695	31.218	ng		95
18) Hexachloroethane	8.852	117	266982	53.293	ng		95
19) n-Nitroso-di-n-propyla...	8.593	70	402567	47.013	ng		97
20) 3+4-Methylphenols	8.581	107	364345	26.409	ng		93
22) Acetophenone	8.610	105	858859	55.323	ng	#	96
24) Nitrobenzene	8.993	77	611039	54.889	ng		98
25) Isophorone	9.516	82	1088338	55.625	ng		98
26) 2-Nitrophenol	9.704	139	316577	54.984	ng		96
27) 2,4-Dimethylphenol	9.775	122	446293	51.840	ng		95
28) bis(2-Chloroethoxy)met...	9.993	93	690639	52.004	ng		98
29) 2,4-Dichlorophenol	10.257	162	510819	47.484	ng		100
30) 1,2,4-Trichlorobenzene	10.446	180	696973	55.101	ng		99
31) Naphthalene	10.628	128	1784454	52.683	ng		100
32) Benzoic acid	9.946	122	98440	17.614	ng		96
33) 4-Chloroaniline	10.757	127	265915	19.443	ng		98
34) Hexachlorobutadiene	10.910	225	450069	57.841	ng		99
35) Caprolactam	11.587	113	22112	7.010	ng		91
36) 4-Chloro-3-methylphenol	11.904	107	407741	39.733	ng		96
37) 2-Methylnaphthalene	12.245	142	1223637	51.051	ng		98
38) 1-Methylnaphthalene	12.463	142	1140456	48.694	ng		99
40) 1,2,4,5-Tetrachloroben...	12.622	216	714798	60.928	ng		99
41) Hexachlorocyclopentadiene	12.593	237	307660	71.179	ng		100
43) 2,4,6-Trichlorophenol	12.869	196	420929	54.104	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.963	196	438560	52.566	ng		98
46) 1,1'-Biphenyl	13.257	154	1538070	56.797	ng		100
47) 2-Chloronaphthalene	13.304	162	1200661	55.797	ng		99
48) 2-Nitroaniline	13.522	65	269604	54.071	ng		93
49) Acenaphthylene	14.151	152	1776351	54.755	ng		100
50) Dimethylphthalate	13.892	163	1398809	53.241	ng		100
51) 2,6-Dinitrotoluene	14.016	165	301746	55.068	ng		98
52) Acenaphthene	14.492	154	1070022	54.208	ng		99
53) 3-Nitroaniline	14.357	138	159794	28.511	ng		98
54) 2,4-Dinitrophenol	14.581	184	284780	77.348	ng		97
55) Dibenzofuran	14.828	168	1758594	52.881	ng		99
56) 4-Nitrophenol	14.734	139	122858	31.886	ng	#	79
57) 2,4-Dinitrotoluene	14.816	165	421800	58.943	ng	#	85
58) Fluorene	15.481	166	1368423	53.560	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.069	232	372207	50.979	ng	#	91
60) Diethylphthalate	15.257	149	1349513	54.323	ng		99
61) 4-Chlorophenyl-phenyle...	15.469	204	747946	53.879	ng		98
62) 4-Nitroaniline	15.522	138	234812	41.668	ng		86
63) Azobenzene	15.769	77	1104637	51.392	ng		97
65) 4,6-Dinitro-2-methylph...	15.592	198	202722	44.427	ng		94
66) n-Nitrosodiphenylamine	15.692	169	1201752	53.294	ng		100
67) 4-Bromophenyl-phenylether	16.369	248	470551	54.612	ng		98
68) Hexachlorobenzene	16.498	284	544468	56.412	ng		99
69) Atrazine	16.657	200	416265	55.671	ng		98
70) Pentachlorophenol	16.851	266	591288	116.350	ng		99
71) Phenanthrene	17.228	178	2168972	53.874	ng		99
72) Anthracene	17.322	178	2210049	56.108	ng		100
73) Carbazole	17.598	167	1994706	52.831	ng		100
74) Di-n-butylphthalate	18.145	149	2483700	64.923	ng		99
75) Fluoranthene	19.204	202	2726688	60.428	ng		96
77) Benzidine	19.392	184	279793	15.922	ng		99
78) Pyrene	19.557	202	2713526	45.358	ng		99
80) Butylbenzylphthalate	20.427	149	1125757	54.726	ng		97
81) Benzo(a)anthracene	21.269	228	2832495	52.265	ng		98
82) 3,3'-Dichlorobenzidine	21.204	252	918186	48.864	ng		98
83) Chrysene	21.321	228	2663298	50.977	ng		98
84) Bis(2-ethylhexyl)phtha...	21.186	149	1692162	62.188	ng		98
85) Di-n-octyl phthalate	22.104	149	3068644	70.500	ng		99
87) Indeno(1,2,3-cd)pyrene	26.180	276	4021059	53.461	ng		97
88) Benzo(b)fluoranthene	22.945	252	3206794	51.459	ng		99
89) Benzo(k)fluoranthene	22.992	252	3194566	51.382	ng		99
90) Benzo(a)pyrene	23.568	252	3141925	60.473	ng		99
91) Dibenzo(a,h)anthracene	26.180	278	3471433	56.162	ng		98
92) Benzo(g,h,i)perylene	26.939	276	3368179	54.729	ng		98

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

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