Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021622\
Data File : BP009180.D
Acq On : 16 Feb 2022 16:04
Operator : CG/JU
Sample : N1449-03MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Feb 17 01:58:38 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	176959	20.000	ng		0.00
21) Naphthalene-d8	10.581	136	644584	20.000	ng		0.00
39) Acenaphthene-d10	14.428	164	419666	20.000	ng		0.00
64) Phenanthrene-d10	17.186	188	915687	20.000	ng		0.00
76) Chrysene-d12	21.286	240	911078	20.000	ng		0.00
86) Perylene-d12	23.668	264	1026280	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.381	112	629855	63.491	ng		0.00
7) Phenol-d6	6.981	99	500924	38.321	ng		0.00
23) Nitrobenzene-d5	8.946	82	1163195	101.766	ng		0.00
42) 2,4,6-Tribromophenol	15.928	330	954089	170.273	ng		0.00
45) 2-Fluorobiphenyl	13.045	172	3018841	100.700	ng		0.00
79) Terphenyl-d14	19.751	244	4771947	94.191	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.287	88	69399	21.242	ng		96
3) Pyridine	3.693	79	136902	14.344	ng		97
4) n-Nitrosodimethylamine	3.605	42	73517	20.107	ng	#	91
6) Aniline	7.116	93	336947	22.710	ng		98
8) 2-Chlorophenol	7.357	128	460766	41.155	ng		99
9) Benzaldehyde	6.934	77	59587	8.999	ng		97
10) Phenol	7.010	94	199984	15.216	ng		95
11) bis(2-Chloroethyl)ether	7.210	93	523989	51.347	ng		97
12) 1,3-Dichlorobenzene	7.669	146	665112	51.367	ng		99
13) 1,4-Dichlorobenzene	7.816	146	676543	51.183	ng		99
14) 1,2-Dichlorobenzene	8.134	146	645314	50.376	ng		99
15) Benzyl Alcohol	8.034	79	290633	34.927	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.316	45	566898	49.286	ng		99
17) 2-Methylphenol	8.252	107	295376	33.524	ng		96
18) Hexachloroethane	8.852	117	230400	52.618	ng		96
19) n-Nitroso-di-n-propyla...	8.593	70	369521	49.372	ng		98
20) 3+4-Methylphenols	8.587	107	344992	28.610	ng	#	90
22) Acetophenone	8.610	105	782532	51.932	ng	#	95
24) Nitrobenzene	8.987	77	575583	53.269	ng		96
25) Isophorone	9.516	82	1064428	56.049	ng		98
26) 2-Nitrophenol	9.704	139	305481	54.663	ng		95
27) 2,4-Dimethylphenol	9.775	122	437183	52.319	ng		99
28) bis(2-Chloroethoxy)met...	9.999	93	653389	50.688	ng		99
29) 2,4-Dichlorophenol	10.257	162	522037	49.995	ng		98
30) 1,2,4-Trichlorobenzene	10.446	180	653293	53.212	ng		100
31) Naphthalene	10.628	128	1725103	52.473	ng		100
32) Benzoic acid	9.946	122	112247	20.020	ng		98
33) 4-Chloroaniline	10.757	127	326183	24.571	ng		98
34) Hexachlorobutadiene	10.910	225	414492	54.881	ng		99
35) Caprolactam	11.598	113	26121	8.531	ng		98
36) 4-Chloro-3-methylphenol	11.904	107	447961	44.974	ng		98
37) 2-Methylnaphthalene	12.245	142	1273037	54.720	ng		98
38) 1-Methylnaphthalene	12.463	142	1187208	52.224	ng		98
40) 1,2,4,5-Tetrachloroben...	12.616	216	740586	55.441	ng		100
41) Hexachlorocyclopentadiene	12.592	237	282332	59.048	ng		99
43) 2,4,6-Trichlorophenol	12.869	196	468534	52.892	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.963	196	499725	52.607	ng		96
46) 1,1'-Biphenyl	13.257	154	1651039	53.547	ng		99
47) 2-Chloronaphthalene	13.304	162	1293478	52.793	ng		100
48) 2-Nitroaniline	13.522	65	316459	55.742	ng		96
49) Acenaphthylene	14.151	152	1992400	53.938	ng		100
50) Dimethylphthalate	13.892	163	1592633	53.240	ng		99
51) 2,6-Dinitrotoluene	14.016	165	349842	56.074	ng		96
52) Acenaphthene	14.492	154	1186193	52.778	ng		99
53) 3-Nitroaniline	14.357	138	207483	32.514	ng		99
54) 2,4-Dinitrophenol	14.581	184	340815	80.076	ng		94
55) Dibenzofuran	14.828	168	1977164	52.216	ng		99
56) 4-Nitrophenol	14.728	139	154796	34.698	ng		84
57) 2,4-Dinitrotoluene	14.816	165	490376	60.185	ng	#	85
58) Fluorene	15.481	166	1551488	53.333	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.069	232	437638	52.644	ng	#	90
60) Diethylphthalate	15.251	149	1558195	55.088	ng		98
61) 4-Chlorophenyl-phenyle...	15.475	204	829426	52.476	ng		99
62) 4-Nitroaniline	15.522	138	304194	47.409	ng		91
63) Azobenzene	15.769	77	1285933	52.544	ng		96
65) 4,6-Dinitro-2-methylph...	15.592	198	240610	42.817	ng		96
66) n-Nitrosodiphenylamine	15.692	169	1406391	50.643	ng		99
67) 4-Bromophenyl-phenylether	16.369	248	556837	52.476	ng		99
68) Hexachlorobenzene	16.492	284	635723	53.484	ng		98
69) Atrazine	16.657	200	491818	53.410	ng		99
70) Pentachlorophenol	16.851	266	682845	109.105	ng		98
71) Phenanthrene	17.228	178	2574978	51.934	ng		99
72) Anthracene	17.322	178	2629055	54.197	ng		99
73) Carbazole	17.598	167	2387428	51.344	ng		99
74) Di-n-butylphthalate	18.145	149	2805154	59.540	ng		99
75) Fluoranthene	19.204	202	3036611	54.644	ng		97
77) Benzidine	19.392	184	349274	18.346	ng		97
78) Pyrene	19.557	202	3099915	47.830	ng		98
80) Butylbenzylphthalate	20.427	149	1276031	57.259	ng		98
81) Benzo(a)anthracene	21.269	228	3049405	51.938	ng		98
82) 3,3'-Dichlorobenzidine	21.198	252	990240	48.644	ng		99
83) Chrysene	21.321	228	2887183	51.011	ng		98
84) Bis(2-ethylhexyl)phtha...	21.186	149	1849231	62.732	ng		98
85) Di-n-octyl phthalate	22.098	149	3181245	67.464	ng		100
87) Indeno(1,2,3-cd)pyrene	26.174	276	3902202	51.173	ng		97
88) Benzo(b)fluoranthene	22.945	252	3280203	51.919	ng		99
89) Benzo(k)fluoranthene	22.992	252	3191511	50.632	ng		98
90) Benzo(a)pyrene	23.568	252	3181682	60.403	ng		99
91) Dibenzo(a,h)anthracene	26.174	278	3393777	54.157	ng		98
92) Benzo(g,h,i)perylene	26.933	276	3337201	53.486	ng		97

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

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