Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012522\
Data File : BP008911.D
Acq On : 25 Jan 2022 17:09
Operator : CG/JU
Sample : N1210-06MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
20220027-KEANSBURG-1-COMP-SPLP-LEACHATEMSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/26/2022
Supervised By :Jagrut Upadhyay 01/26/2022

Quant Time: Jan 26 01:58:04 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 26 01:52:51 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.834	152	246628	20.000	ng		0.00
21) Naphthalene-d8	10.634	136	882508	20.000	ng		0.00
39) Acenaphthene-d10	14.480	164	518179	20.000	ng		0.00
64) Phenanthrene-d10	17.233	188	997952	20.000	ng		0.00
76) Chrysene-d12	21.327	240	922038	20.000	ng		0.00
86) Perylene-d12	23.745	264	987377	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	809690	50.769	ng		0.00
7) Phenol-d6	7.016	99	581898	30.131	ng		0.00
23) Nitrobenzene-d5	8.998	82	1401230	90.144	ng		0.00
42) 2,4,6-Tribromophenol	15.974	330	887746	117.697	ng		0.00
45) 2-Fluorobiphenyl	13.098	172	3441193	87.577	ng		0.00
79) Terphenyl-d14	19.798	244	4598030	84.174	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	106367	16.478	ng		97
3) Pyridine	3.734	79	206147	15.248	ng		96
4) n-Nitrosodimethylamine	3.640	42	118157	18.628	ng		85
6) Aniline	7.163	93	455084	18.880	ng		99
8) 2-Chlorophenol	7.404	128	565427	33.289	ng		98
9) Benzaldehyde	6.975	77	426327m	33.029	ng		
10) Phenol	7.040	94	267074	13.565	ng		96
11) bis(2-Chloroethyl)ether	7.257	93	668920	42.701	ng		98
12) 1,3-Dichlorobenzene	7.728	146	745087	36.836	ng		98
13) 1,4-Dichlorobenzene	7.869	146	761662	37.154	ng		99
14) 1,2-Dichlorobenzene	8.187	146	734861	37.594	ng		100
15) Benzyl Alcohol	8.081	79	364168	26.878	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.369	45	714887	40.808	ng		99
17) 2-Methylphenol	8.293	107	354193	26.852	ng		97
18) Hexachloroethane	8.916	117	249115	35.803	ng		95
19) n-Nitroso-di-n-propyla...	8.645	70	475025	42.078	ng		97
20) 3+4-Methylphenols	8.622	107	406781	23.231	ng		98
22) Acetophenone	8.657	105	1010900	44.967	ng	#	97
24) Nitrobenzene	9.040	77	711930	45.342	ng		98
25) Isophorone	9.569	82	1278854	45.525	ng		98
26) 2-Nitrophenol	9.751	139	352777	42.737	ng		94
27) 2,4-Dimethylphenol	9.822	122	521790	37.074	ng		99
28) bis(2-Chloroethoxy)met...	10.051	93	805646	43.950	ng		99
29) 2,4-Dichlorophenol	10.298	162	595475	38.772	ng		100
30) 1,2,4-Trichlorobenzene	10.504	180	703540	39.106	ng		99
31) Naphthalene	10.687	128	1977161	41.249	ng		100
32) Benzoic acid	9.945	122	97740	12.101	ng		99
33) 4-Chloroaniline	10.804	127	356001	18.226	ng		98
34) Hexachlorobutadiene	10.975	225	415275	36.945	ng		99
35) Caprolactam	11.604	113	26596	6.282	ng		90
36) 4-Chloro-3-methylphenol	11.939	107	494477	35.687	ng		98
37) 2-Methylnaphthalene	12.298	142	1435312	40.962	ng		99
38) 1-Methylnaphthalene	12.522	142	1337738	41.593	ng		99
40) 1,2,4,5-Tetrachloroben...	12.675	216	817410	43.265	ng		99
41) Hexachlorocyclopentadiene	12.651	237	688924	71.262	ng		99
43) 2,4,6-Trichlorophenol	12.916	196	495261	42.397	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.992	196	523242	41.617	ng		98
46) 1,1'-Biphenyl	13.310	154	1849904	43.879	ng		99
47) 2-Chloronaphthalene	13.351	162	1440175	44.303	ng		99
48) 2-Nitroaniline	13.557	65	330263	45.756	ng		92
49) Acenaphthylene	14.198	152	2239152	45.592	ng		100
50) Dimethylphthalate	13.939	163	1780053	46.254	ng		99
51) 2,6-Dinitrotoluene	14.057	165	377639	46.268	ng		93
52) Acenaphthene	14.545	154	1323261	45.427	ng		99
53) 3-Nitroaniline	14.386	138	80551	10.035	ng		95
54) 2,4-Dinitrophenol	14.604	184	291856	88.416	ng		95
55) Dibenzofuran	14.880	168	2137269	45.028	ng		99
56) 4-Nitrophenol	14.716	139	191904	33.200	ng		89
57) 2,4-Dinitrotoluene	14.845	165	499814	47.608	ng	#	89
58) Fluorene	15.527	166	1704710	45.470	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.110	232	440369	42.521	ng	#	87
60) Diethylphthalate	15.304	149	1642271	44.974	ng		98
61) 4-Chlorophenyl-phenyle...	15.522	204	907011	44.411	ng		98
62) 4-Nitroaniline	15.551	138	259714	33.407	ng		89
63) Azobenzene	15.816	77	1392989	45.948	ng		94
65) 4,6-Dinitro-2-methylph...	15.622	198	191977	38.504	ng		97
66) n-Nitrosodiphenylamine	15.739	169	1468744	45.729	ng		99
67) 4-Bromophenyl-phenylether	16.422	248	557122	44.708	ng		99
68) Hexachlorobenzene	16.545	284	634147	44.409	ng		98
69) Atrazine	16.698	200	526695	44.128	ng		99
70) Pentachlorophenol	16.892	266	701710	92.254	ng		100
71) Phenanthrene	17.280	178	2580862	45.933	ng		99
72) Anthracene	17.369	178	2617103	46.431	ng		99
73) Carbazole	17.645	167	2348484	48.456	ng		99
74) Di-n-butylphthalate	18.198	149	2802521	48.049	ng		98
75) Fluoranthene	19.251	202	2941647	47.078	ng		96
77) Benzidine	19.427	184	473189	14.527	ng		99
78) Pyrene	19.598	202	3001254	46.650	ng		98
80) Butylbenzylphthalate	20.474	149	1178816	45.558	ng		98
81) Benzo(a)anthracene	21.315	228	2885909	46.524	ng		98
82) 3,3'-Dichlorobenzidine	21.245	252	882431	32.928	ng		98
83) Chrysene	21.368	228	2700905	44.916	ng		97
84) Bis(2-ethylhexyl)phtha...	21.239	149	1722112	42.977	ng		96
85) Di-n-octyl phthalate	22.168	149	2833823	41.806	ng		99
87) Indeno(1,2,3-cd)pyrene	26.268	276	3996084	49.115	ng		98
88) Benzo(b)fluoranthene	23.009	252	3069051	46.543	ng		99
89) Benzo(k)fluoranthene	23.056	252	2877710	45.085	ng		98
90) Benzo(a)pyrene	23.639	252	2929265	46.024	ng		99
91) Dibenzo(a,h)anthracene	26.280	278	3478843	50.284	ng		99
92) Benzo(g,h,i)perylene	27.039	276	3423141	50.677	ng		99

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

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