Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111822\
Data File : BP012668.D
Acq On : 18 Nov 2022 10:43
Operator : CG/JU
Sample : N4955-01
Misc : LOD-MDL-SOIL-4ppm
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 21 03:27:06 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 21 03:25:56 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.046	152	256901	20.000	ng		0.00
21) Naphthalene-d8	10.863	136	1097616	20.000	ng		0.00
39) Acenaphthene-d10	14.681	164	749851	20.000	ng		0.00
64) Phenanthrene-d10	17.433	188	1668670	20.000	ng		0.00
76) Chrysene-d12	21.516	240	1751902	20.000	ng		0.00
86) Perylene-d12	24.045	264	1725759	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.581	112	1437389	101.117	ng		0.00
7) Phenol-d6	7.187	99	1999678	101.007	ng		0.00
23) Nitrobenzene-d5	9.210	82	1482275	84.909	ng		0.00
42) 2,4,6-Tribromophenol	16.169	330	940830	109.638	ng		0.00
45) 2-Fluorobiphenyl	13.310	172	4047205	81.212	ng		0.00
79) Terphenyl-d14	19.986	244	6712843	82.790	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.452	88	22152	3.880	ng		98
3) Pyridine	3.858	79	57710m	3.202	ng		
4) n-Nitrosodimethylamine	3.769	42	27860	3.620	ng	#	74
6) Aniline	7.363	93	94675	3.796	ng		100
8) 2-Chlorophenol	7.605	128	66746	3.803	ng		98
9) Benzaldehyde	7.175	77	64257	5.565	ng		97
10) Phenol	7.216	94	82187	3.685	ng		98
11) bis(2-Chloroethyl)ether	7.463	93	69108	3.890	ng		98
12) 1,3-Dichlorobenzene	7.934	146	77519	3.979	ng		99
13) 1,4-Dichlorobenzene	8.081	146	79482	4.002	ng		96
14) 1,2-Dichlorobenzene	8.399	146	78510	4.119	ng		99
15) Benzyl Alcohol	8.275	79	49478	3.354	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.581	45	101558	4.051	ng		99
17) 2-Methylphenol	8.475	107	54296	3.511	ng		99
18) Hexachloroethane	9.140	117	28039	4.224	ng		97
19) n-Nitroso-di-n-propyla...	8.852	70	47928	3.562	ng		96
20) 3+4-Methylphenols	8.805	107	69631	3.214	ng		98
22) Acetophenone	8.869	105	113403	4.139	ng	#	98
24) Nitrobenzene	9.252	77	78924	4.187	ng		95
25) Isophorone	9.775	82	153160	3.900	ng		100
26) 2-Nitrophenol	9.969	139	23860	2.919	ng		99
27) 2,4-Dimethylphenol	10.022	122	65089m	4.219	ng		
28) bis(2-Chloroethoxy)met...	10.263	93	95973	4.297	ng		98
29) 2,4-Dichlorophenol	10.499	162	62085	3.463	ng		99
30) 1,2,4-Trichlorobenzene	10.722	180	74755	3.884	ng		99
31) Naphthalene	10.916	128	240006	3.977	ng		99
32) Benzoic acid	10.057	122	16485m	1.365	ng		
33) 4-Chloroaniline	11.016	127	89749	3.570	ng		99
34) Hexachlorobutadiene	11.204	225	45785	4.027	ng		98
35) Caprolactam	11.763	113	17883	3.063	ng	#	88
36) 4-Chloro-3-methylphenol	12.122	107	65292	3.392	ng		98
37) 2-Methylnaphthalene	12.516	142	166886	3.867	ng		99
38) 1-Methylnaphthalene	12.734	142	163360	3.853	ng		97
40) 1,2,4,5-Tetrachloroben...	12.875	216	90032	4.117	ng		100
41) Hexachlorocyclopentadiene	12.863	237	33475	4.024	ng		92
43) 2,4,6-Trichlorophenol	13.110	196	52576	3.377	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.175	196	57235	3.322	ng		99
46) 1,1'-Biphenyl	13.516	154	237029	4.227	ng		99
47) 2-Chloronaphthalene	13.557	162	174378	3.916	ng		99
48) 2-Nitroaniline	13.751	65	19741	2.215	ng		97
49) Acenaphthylene	14.404	152	274301	3.775	ng		99
50) Dimethylphthalate	14.134	163	214893	3.638	ng		99
51) 2,6-Dinitrotoluene	14.245	165	24283	2.344	ng		92
52) Acenaphthene	14.745	154	174142	3.755	ng		95
53) 3-Nitroaniline	14.575	138	26121	2.202	ng		95
54) 2,4-Dinitrophenol	14.775	184	10010	1.741	ng		94
55) Dibenzofuran	15.075	168	281341	4.019	ng		99
56) 4-Nitrophenol	14.863	139	24484	2.205	ng		98
57) 2,4-Dinitrotoluene	15.028	165	28349	2.058	ng	#	90
58) Fluorene	15.728	166	225018	4.084	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.298	232	52406	3.379	ng		99
60) Diethylphthalate	15.498	149	201227	3.463	ng		99
61) 4-Chlorophenyl-phenyle...	15.722	204	111245	4.200	ng		99
62) 4-Nitroaniline	15.734	138	22664	1.953	ng		94
63) Azobenzene	16.016	77	194614	3.666	ng		97
65) 4,6-Dinitro-2-methylph...	15.792	198	12990	1.585	ng		85
66) n-Nitrosodiphenylamine	15.934	169	177948	3.578	ng		99
67) 4-Bromophenyl-phenylether	16.622	248	60739	3.481	ng		95
68) Hexachlorobenzene	16.734	284	81923	4.048	ng		98
69) Atrazine	16.886	200	43773	3.341	ng		98
70) Pentachlorophenol	17.075	266	40052	3.050	ng		98
71) Phenanthrene	17.475	178	369136	3.900	ng		99
72) Anthracene	17.569	178	356598	3.905	ng		98
73) Carbazole	17.833	167	325453	3.753	ng		99
74) Di-n-butylphthalate	18.386	149	260178	2.877	ng		99
75) Fluoranthene	19.433	202	412380	3.678	ng		98
77) Benzidine	19.604	184	68129	2.829	ng		99
78) Pyrene	19.786	202	429210	3.467	ng		99
80) Butylbenzylphthalate	20.657	149	49793	2.228	ng		97
81) Benzo(a)anthracene	21.504	228	439077	3.575	ng		98
82) 3,3'-Dichlorobenzidine	21.427	252	65255	2.111	ng		97
83) Chrysene	21.557	228	424404	3.644	ng		98
84) Bis(2-ethylhexyl)phtha...	21.427	149	84884	2.096	ng		94
85) Di-n-octyl phthalate	22.404	149	139628	1.630	ng	#	89
87) Indeno(1,2,3-cd)pyrene	26.704	276	380761	3.031	ng		98
88) Benzo(b)fluoranthene	23.268	252	398225	3.486	ng		100
89) Benzo(k)fluoranthene	23.321	252	420773	3.706	ng		98
90) Benzo(a)pyrene	23.933	252	321029	3.386	ng		98
91) Dibenzo(a,h)anthracene	26.727	278	346254	3.333	ng		97
92) Benzo(g,h,i)perylene	27.509	276	326933	3.240	ng		99

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

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