Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111422\
Data File : BP012650.D
Acq On : 14 Nov 2022 13:20
Operator : CG/JU
Sample : N5529-01MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
NMS-SOIL-1108MSD

Quant Time: Nov 14 16:59:28 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 14 04:00:17 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.705	152	201507	20.000	ng		0.00
21) Naphthalene-d8	10.504	136	737075	20.000	ng		0.00
39) Acenaphthene-d10	14.369	164	418255	20.000	ng		0.00
64) Phenanthrene-d10	17.128	188	907165	20.000	ng		0.00
76) Chrysene-d12	21.233	240	1000095	20.000	ng		0.00
86) Perylene-d12	23.580	264	1173243	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.293	112	1522506	140.690	ng		0.00
7) Phenol-d6	6.899	99	1839946	122.491	ng		0.00
23) Nitrobenzene-d5	8.881	82	1130386	85.082	ng		0.00
42) 2,4,6-Tribromophenol	15.869	330	811015	142.040	ng		0.00
45) 2-Fluorobiphenyl	12.981	172	2228923	80.900	ng		-0.01
79) Terphenyl-d14	19.704	244	3565357	72.224	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.199	88	224307	48.315	ng		100
3) Pyridine	3.599	79	581285	42.953	ng		99
4) n-Nitrosodimethylamine	3.517	42	230926	46.097	ng		99
6) Aniline	7.046	93	458242	24.109	ng		99
8) 2-Chlorophenol	7.275	128	604789	44.129	ng		99
9) Benzaldehyde	6.858	77	345088	36.422	ng		99
10) Phenol	6.922	94	714916	42.127	ng		99
11) bis(2-Chloroethyl)ether	7.146	93	582890	41.537	ng		99
12) 1,3-Dichlorobenzene	7.593	146	692347	45.846	ng		99
13) 1,4-Dichlorobenzene	7.740	146	699147	45.235	ng		100
14) 1,2-Dichlorobenzene	8.058	146	663687	45.125	ng		100
15) Benzyl Alcohol	7.963	79	486492	43.274	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.246	45	705682	38.721	ng		100
17) 2-Methylphenol	8.169	107	468452	40.063	ng		99
18) Hexachloroethane	8.775	117	250563	45.332	ng		98
19) n-Nitroso-di-n-propyla...	8.522	70	389840	35.752	ng		99
20) 3+4-Methylphenols	8.499	107	626594	38.127	ng		100
22) Acetophenone	8.540	105	840855	45.807	ng	#	99
24) Nitrobenzene	8.922	77	619079	44.759	ng		99
25) Isophorone	9.446	82	1078385	43.206	ng		99
26) 2-Nitrophenol	9.628	139	310560	46.780	ng		99
27) 2,4-Dimethylphenol	9.693	122	502512	50.667	ng		98
28) bis(2-Chloroethoxy)met...	9.928	93	698226	45.149	ng		100
29) 2,4-Dichlorophenol	10.163	162	520732	44.321	ng		99
30) 1,2,4-Trichlorobenzene	10.369	180	581576	45.676	ng		99
31) Naphthalene	10.557	128	1738831	43.424	ng		100
32) Benzoic acid	9.857	122	368129	37.382	ng		99
33) 4-Chloroaniline	10.687	127	266854	15.978	ng		99
34) Hexachlorobutadiene	10.828	225	373138	46.320	ng		99
35) Caprolactam	11.499	113	152567	38.851	ng		97
36) 4-Chloro-3-methylphenol	11.822	107	538980	40.643	ng		99
37) 2-Methylnaphthalene	12.175	142	1160819	40.444	ng		99
38) 1-Methylnaphthalene	12.393	142	1094190	38.963	ng		100
40) 1,2,4,5-Tetrachloroben...	12.546	216	618852	49.657	ng		100
41) Hexachlorocyclopentadiene	12.510	237	504814	79.416	ng		100
43) 2,4,6-Trichlorophenol	12.798	196	404601	46.218	ng		99

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44) 2,4,5-Trichlorophenol	12.875	196	445480	45.589	ng	99
46) 1,1'-Biphenyl	13.198	154	1459225	47.111	ng	99
47) 2-Chloronaphthalene	13.234	162	1137398	46.786	ng	99
48) 2-Nitroaniline	13.463	65	323533	44.003	ng	100
49) Acenaphthylene	14.087	152	1817832	47.088	ng	99
50) Dimethylphthalate	13.840	163	1361055	41.177	ng	99
51) 2,6-Dinitrotoluene	13.963	165	303233	43.020	ng	97
52) Acenaphthene	14.434	154	1057536	45.005	ng	99
53) 3-Nitroaniline	14.292	138	224009	29.529	ng	99
54) 2,4-Dinitrophenol	14.510	184	293822	60.017	ng	97
55) Dibenzofuran	14.769	168	1670767	44.986	ng	99
56) 4-Nitrophenol	14.622	139	573359	90.940	ng	96
57) 2,4-Dinitrotoluene	14.757	165	411227	45.268	ng	98
58) Fluorene	15.422	166	1321985	45.092	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.004	232	394238	43.805	ng	99
60) Diethylphthalate	15.204	149	1373572	41.511	ng	99
61) 4-Chlorophenyl-phenyle...	15.416	204	652885	44.927	ng	100
62) 4-Nitroaniline	15.469	138	294570	37.597	ng	98
63) Azobenzene	15.716	77	1266317	42.693	ng	98
65) 4,6-Dinitro-2-methylph...	15.522	198	189153	30.690	ng	97
66) n-Nitrosodiphenylamine	15.639	169	1154623	43.149	ng	100
67) 4-Bromophenyl-phenylether	16.316	248	448351	43.966	ng	96
68) Hexachlorobenzene	16.428	284	547577	44.985	ng	98
69) Atrazine	16.604	200	433631	46.474	ng	99
70) Pentachlorophenol	16.781	266	706664	94.114	ng	99
71) Phenanthrene	17.175	178	2419379	48.381	ng	99
72) Anthracene	17.263	178	2319884	48.353	ng	100
73) Carbazole	17.545	167	2127193	47.346	ng	99
74) Di-n-butylphthalate	18.098	149	2586993	46.108	ng	100
75) Fluoranthene	19.151	202	3427359	58.481	ng	99
77) Benzidine	19.345	184	1383226	62.691	ng	99
78) Pyrene	19.504	202	3453939	50.062	ng	99
80) Butylbenzylphthalate	20.386	149	1287616	44.065	ng	98
81) Benzo(a)anthracene	21.222	228	3292679	49.238	ng	99
82) 3,3'-Dichlorobenzidine	21.157	252	1004726	43.997	ng	99
83) Chrysene	21.274	228	3026955	47.489	ng	100
84) Bis(2-ethylhexyl)phtha...	21.139	149	1960974	49.067	ng	99
85) Di-n-octyl phthalate	22.045	149	3256820	48.309	ng	99
87) Indeno(1,2,3-cd)pyrene	26.015	276	4263084	51.275	ng	97
88) Benzo(b)fluoranthene	22.869	252	3634307	48.150	ng	99
89) Benzo(k)fluoranthene	22.916	252	3437948	46.681	ng	99
90) Benzo(a)pyrene	23.474	252	3266710	52.999	ng	99
91) Dibenzo(a,h)anthracene	26.027	278	3442712	49.540	ng	98
92) Benzo(g,h,i)perylene	26.762	276	3682593	54.270	ng	97

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

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