Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091522\
Data File : BP011709.D
Acq On : 15 Sep 2022 13:48
Operator : CG/JU
Sample : N3980-01
Misc : LOD-MDL-SOIL-8NG
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022

Quant Time: Sep 15 14:21:31 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 15 14:21:29 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.946	152	410067	20.000	ng		0.00
21) Naphthalene-d8	10.757	136	1656255	20.000	ng	#	0.00
39) Acenaphthene-d10	14.586	164	945546	20.000	ng		0.00
64) Phenanthrene-d10	17.339	188	1841390	20.000	ng	#	0.00
76) Chrysene-d12	21.421	240	1617071	20.000	ng	#	0.00
86) Perylene-d12	23.880	264	1507292	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.499	112	2401692	106.606	ng		0.00
7) Phenol-d6	7.099	99	3188664	106.180	ng		0.00
23) Nitrobenzene-d5	9.110	82	2078586	74.430	ng		0.00
42) 2,4,6-Tribromophenol	16.075	330	800482	108.350	ng		0.00
45) 2-Fluorobiphenyl	13.210	172	4606527	75.729	ng		0.00
79) Terphenyl-d14	19.892	244	5769863	77.591	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.375	88	80256	8.089	ng	#	83
3) Pyridine	3.793	79	189961	6.641	ng	#	80
4) n-Nitrosodimethylamine	3.693	42	83524	7.617	ng	#	46
6) Aniline	7.269	93	312590	8.450	ng		90
8) 2-Chlorophenol	7.504	128	206463	7.729	ng		94
9) Benzaldehyde	7.081	77	186324	9.693	ng		94
10) Phenol	7.128	94	262877	7.783	ng		83
11) bis(2-Chloroethyl)ether	7.363	93	212904	7.912	ng		91
12) 1,3-Dichlorobenzene	7.834	146	232343	7.843	ng	#	93
13) 1,4-Dichlorobenzene	7.981	146	236488	7.850	ng		96
14) 1,2-Dichlorobenzene	8.299	146	225498	7.852	ng		96
15) Benzyl Alcohol	8.187	79	156298	7.290	ng	#	86
16) 2,2'-oxybis(1-Chloropr...	8.481	45	296593	8.252	ng		92
17) 2-Methylphenol	8.387	107	160215	7.305	ng		92
18) Hexachloroethane	9.034	117	78978	7.579	ng		91
19) n-Nitroso-di-n-propyla...	8.757	70	145205	7.468	ng	#	83
20) 3+4-Methylphenols	8.716	107	208876	6.935	ng		92
22) Acetophenone	8.769	105	309056	7.960	ng	#	88
24) Nitrobenzene	9.151	77	232751	8.010	ng		91
25) Isophorone	9.681	82	366300	7.415	ng		96
26) 2-Nitrophenol	9.869	139	70950	5.952	ng	#	82
27) 2,4-Dimethylphenol	9.922	122	169027	8.184	ng		92
28) bis(2-Chloroethoxy)met...	10.163	93	272025	8.611	ng		97
29) 2,4-Dichlorophenol	10.398	162	155330	6.789	ng		98
30) 1,2,4-Trichlorobenzene	10.616	180	191802	7.572	ng		97
31) Naphthalene	10.810	128	664547	7.732	ng		99
32) Benzoic acid	9.987	122	56502	3.656	ng	#	82
33) 4-Chloroaniline	10.916	127	254346	7.543	ng	#	92
34) Hexachlorobutadiene	11.093	225	103783	7.438	ng		98
35) Caprolactam	11.693	113	41439	5.590	ng	#	75
36) 4-Chloro-3-methylphenol	12.034	107	170854	6.944	ng		92
37) 2-Methylnaphthalene	12.416	142	433284	7.533	ng		96
38) 1-Methylnaphthalene	12.634	142	411555	7.318	ng		99
40) 1,2,4,5-Tetrachloroben...	12.781	216	198500	7.954	ng		98
41) Hexachlorocyclopentadiene	12.763	237	108532	8.713	ng		99
43) 2,4,6-Trichlorophenol	13.016	196	110648	6.518	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.087	196	125687	6.622	ng		98
46) 1,1'-Biphenyl	13.422	154	567972	8.257	ng		99
47) 2-Chloronaphthalene	13.463	162	422616	7.809	ng		99
48) 2-Nitroaniline	13.663	65	93270	6.145	ng		91
49) Acenaphthylene	14.310	152	617556	7.375	ng		100
50) Dimethylphthalate	14.039	163	489717	7.424	ng		99
51) 2,6-Dinitrotoluene	14.157	165	88484	6.615	ng		94
52) Acenaphthene	14.651	154	413436m	7.422	ng		
53) 3-Nitroaniline	14.486	138	91933	5.960	ng		95
54) 2,4-Dinitrophenol	14.692	184	29026	4.455	ng		92
55) Dibenzofuran	14.986	168	632768	7.888	ng		97
56) 4-Nitrophenol	14.786	139	68704	5.286	ng	#	76
57) 2,4-Dinitrotoluene	14.945	165	100478	5.799	ng		94
58) Fluorene	15.633	166	497648	7.649	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.210	232	99300	6.369	ng		94
60) Diethylphthalate	15.404	149	471987	7.187	ng		97
61) 4-Chlorophenyl-phenyle...	15.628	204	231751	7.706	ng		98
62) 4-Nitroaniline	15.651	138	87186	5.623	ng	#	82
63) Azobenzene	15.922	77	444428	7.042	ng		91
65) 4,6-Dinitro-2-methylph...	15.704	198	39881	4.429	ng		89
66) n-Nitrosodiphenylamine	15.845	169	410159	7.486	ng		98
67) 4-Bromophenyl-phenylether	16.528	248	125187	7.262	ng		95
68) Hexachlorobenzene	16.639	284	138425	7.456	ng		95
69) Atrazine	16.798	200	120724	7.219	ng		98
70) Pentachlorophenol	16.986	266	64476	5.475	ng		98
71) Phenanthrene	17.380	178	751681	7.502	ng		98
72) Anthracene	17.475	178	710292	7.495	ng		99
73) Carbazole	17.739	167	658091	7.361	ng		99
74) Di-n-butylphthalate	18.292	149	687091	6.376	ng		99
75) Fluoranthene	19.345	202	767318	7.101	ng		97
77) Benzidine	19.522	184	324991	8.451	ng		98
78) Pyrene	19.698	202	804699	7.378	ng		99
80) Butylbenzylphthalate	20.569	149	258909	5.665	ng		97
81) Benzo(a)anthracene	21.404	228	758751	7.280	ng		99
82) 3,3'-Dichlorobenzidine	21.333	252	238004	7.518	ng	#	97
83) Chrysene	21.457	228	723204	7.262	ng		99
84) Bis(2-ethylhexyl)phtha...	21.327	149	378685	5.760	ng	#	96
85) Di-n-octyl phthalate	22.274	149	582944	5.167	ng		96
87) Indeno(1,2,3-cd)pyrene	26.445	276	714901	6.583	ng	#	89
88) Benzo(b)fluoranthene	23.121	252	725106	7.778	ng	#	97
89) Benzo(k)fluoranthene	23.174	252	686521	7.308	ng	#	96
90) Benzo(a)pyrene	23.768	252	571227	7.417	ng	#	96
91) Dibenzo(a,h)anthracene	26.462	278	639964	7.097	ng	#	93
92) Benzo(g,h,i)perylene	27.233	276	626349	7.125	ng	#	90

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

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