Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091522\
Data File : BP011712.D
Acq On : 15 Sep 2022 18:11
Operator : CG/JU
Sample : N3980-07
Misc : LOD-MDL-WATER-4NG
ALS Vial : 11 Sample Multiplier: 1

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

Manual Integrations APPROVED

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

Quant Time: Sep 15 18:49:49 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 16:01:44 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.940	152	443827	20.000	ng		0.00
21) Naphthalene-d8	10.751	136	1838264	20.000	ng	#	0.00
39) Acenaphthene-d10	14.580	164	1064703	20.000	ng		0.00
64) Phenanthrene-d10	17.333	188	2063004	20.000	ng	#	0.00
76) Chrysene-d12	21.415	240	2348737	20.000	ng		0.00
86) Perylene-d12	23.874	264	2274266	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.499	112	2475204	101.512	ng		0.00
7) Phenol-d6	7.098	99	3326013	102.329	ng		0.00
23) Nitrobenzene-d5	9.110	82	2280295	73.568	ng		0.00
42) 2,4,6-Tribromophenol	16.074	330	835965	100.490	ng		0.00
45) 2-Fluorobiphenyl	13.210	172	5139583	75.037	ng		0.00
79) Terphenyl-d14	19.886	244	6431874	59.550	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.375	88	41114	3.829	ng	#	85
3) Pyridine	3.799	79	86075	2.780	ng	#	77
4) n-Nitrosodimethylamine	3.693	42	42791	3.606	ng	#	54
6) Aniline	7.269	93	156217	3.902	ng		91
8) 2-Chlorophenol	7.504	128	107379	3.714	ng		92
9) Benzaldehyde	7.081	77	97553	4.689	ng		92
10) Phenol	7.122	94	133436	3.650	ng		91
11) bis(2-Chloroethyl)ether	7.363	93	106492	3.657	ng		93
12) 1,3-Dichlorobenzene	7.834	146	118965m	3.710	ng		
13) 1,4-Dichlorobenzene	7.975	146	121876	3.738	ng		97
14) 1,2-Dichlorobenzene	8.298	146	117467	3.779	ng		96
15) Benzyl Alcohol	8.181	79	80822	3.483	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.481	45	152568	3.922	ng		91
17) 2-Methylphenol	8.387	107	78180	3.294	ng	#	90
18) Hexachloroethane	9.028	117	39569	3.508	ng		94
19) n-Nitroso-di-n-propyla...	8.751	70	72448	3.443	ng	#	85
20) 3+4-Methylphenols	8.710	107	100911	3.096	ng		93
22) Acetophenone	8.769	105	157491	3.655	ng	#	90
24) Nitrobenzene	9.151	77	123165	3.819	ng		91
25) Isophorone	9.681	82	184273	3.361	ng		95
26) 2-Nitrophenol	9.863	139	33752	2.551	ng	#	86
27) 2,4-Dimethylphenol	9.922	122	81367	3.549	ng		90
28) bis(2-Chloroethoxy)met...	10.163	93	140424	4.005	ng		98
29) 2,4-Dichlorophenol	10.398	162	75469	2.972	ng		96
30) 1,2,4-Trichlorobenzene	10.616	180	97440	3.466	ng		97
31) Naphthalene	10.804	128	346420	3.631	ng		98
32) Benzoic acid	9.975	122	16880	0.984	ng	#	83
33) 4-Chloroaniline	10.916	127	127196	3.398	ng	#	92
34) Hexachlorobutadiene	11.092	225	53738	3.470	ng		95
35) Caprolactam	11.686	113	18446	2.242	ng	#	79
36) 4-Chloro-3-methylphenol	12.028	107	81354	2.979	ng		93
37) 2-Methylnaphthalene	12.410	142	224615	3.518	ng		94
38) 1-Methylnaphthalene	12.628	142	214863	3.442	ng		98
40) 1,2,4,5-Tetrachloroben...	12.775	216	102111	3.634	ng		97
41) Hexachlorocyclopentadiene	12.757	237	51011	3.637	ng		98
43) 2,4,6-Trichlorophenol	13.016	196	51967	2.719	ng		98

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Operator : CG/JU
Sample : N3980-07
Misc : LOD-MDL-WATER-4NG
ALS Vial : 11 Sample Multiplier: 1

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

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.081	196	59450	2.782	ng		95
46) 1,1'-Biphenyl	13.416	154	302866	3.910	ng		99
47) 2-Chloronaphthalene	13.457	162	219342	3.599	ng		98
48) 2-Nitroaniline	13.663	65	44027	2.576	ng		91
49) Acenaphthylene	14.304	152	304880	3.233	ng		98
50) Dimethylphthalate	14.039	163	253741	3.416	ng		100
51) 2,6-Dinitrotoluene	14.151	165	39534	2.625	ng		93
52) Acenaphthene	14.645	154	216959	3.459	ng		97
53) 3-Nitroaniline	14.486	138	42225	2.431	ng	#	94
54) 2,4-Dinitrophenol	14.686	184	12128	1.653	ng		89
55) Dibenzofuran	14.980	168	327547	3.626	ng		99
56) 4-Nitrophenol	14.786	139	27212	1.859	ng	#	81
57) 2,4-Dinitrotoluene	14.939	165	44310	2.271	ng		93
58) Fluorene	15.633	166	255135	3.483	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.204	232	47043	2.679	ng		95
60) Diethylphthalate	15.404	149	242115	3.274	ng		97
61) 4-Chlorophenyl-phenyle...	15.627	204	120683	3.564	ng		97
62) 4-Nitroaniline	15.645	138	37273	2.135	ng	#	85
63) Azobenzene	15.922	77	213991	3.011	ng		92
65) 4,6-Dinitro-2-methylph...	15.704	198	17454	1.730	ng		87
66) n-Nitrosodiphenylamine	15.839	169	204593	3.333	ng		98
67) 4-Bromophenyl-phenylether	16.521	248	62711	3.247	ng		91
68) Hexachlorobenzene	16.633	284	71025	3.415	ng	#	91
69) Atrazine	16.792	200	58232	3.108	ng		95
70) Pentachlorophenol	16.980	266	29037	2.201	ng		96
71) Phenanthrene	17.380	178	399707	3.561	ng		98
72) Anthracene	17.468	178	355564	3.349	ng		99
73) Carbazole	17.739	167	328005	3.275	ng		99
74) Di-n-butylphthalate	18.292	149	333296	2.761	ng		98
75) Fluoranthene	19.339	202	393553	3.251	ng		95
77) Benzidine	19.521	184	140770	2.520	ng		97
78) Pyrene	19.692	202	413590	2.611	ng		98
80) Butylbenzylphthalate	20.562	149	119191	1.795	ng		98
81) Benzo(a)anthracene	21.398	228	502294	3.318	ng		97
82) 3,3'-Dichlorobenzidine	21.333	252	149305	3.247	ng		99
83) Chrysene	21.451	228	490694	3.392	ng		99
84) Bis(2-ethylhexyl)phtha...	21.327	149	197582	2.069	ng		97
85) Di-n-octyl phthalate	22.268	149	292637	1.786	ng		95
87) Indeno(1,2,3-cd)pyrene	26.433	276	508666	3.105	ng	#	95
88) Benzo(b)fluoranthene	23.121	252	485291	3.450	ng	#	98
89) Benzo(k)fluoranthene	23.168	252	467170	3.296	ng	#	97
90) Benzo(a)pyrene	23.762	252	380789	3.277	ng	#	97
91) Dibenzo(a,h)anthracene	26.462	278	454353	3.340	ng	#	97
92) Benzo(g,h,i)perylene	27.221	276	441438	3.328	ng	#	94

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

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