Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072122\
Data File : BF129301.D
Acq On : 21 Jul 2022 17:43
Operator : CG\JU
Sample : N3214-07
Misc : LOD-MDL-WATER 8ppm
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022

Quant Time: Jul 21 19:13:28 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 20 13:42:18 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	151333	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	571887	20.000	ng		0.00
39) Acenaphthene-d10	9.933	164	303763	20.000	ng		0.00
64) Phenanthrene-d10	11.422	188	527798	20.000	ng		0.00
76) Chrysene-d12	14.068	240	402601	20.000	ng		-0.01
86) Perylene-d12	15.557	264	301651	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	1031007	111.120	ng		0.00
7) Phenol-d6	6.522	99	1370906	115.907	ng		0.00
23) Nitrobenzene-d5	7.457	82	949482	89.321	ng		0.00
42) 2,4,6-Tribromophenol	10.727	330	372680	127.165	ng		0.00
45) 2-Fluorobiphenyl	9.257	172	1649803	83.552	ng		0.00
79) Terphenyl-d14	13.016	244	1701812	78.726	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.681	88	28516	6.931	ng		90
3) Pyridine	3.551	79	69544m	6.122	ng		
4) n-Nitrosodimethylamine	3.410	42	38852	7.618	ng	#	98
6) Aniline	6.557	93	120814	8.301	ng		98
8) 2-Chlorophenol	6.681	128	79109	7.778	ng		95
9) Benzaldehyde	6.445	77	66088	8.146	ng		96
10) Phenol	6.534	94	94189	7.577	ng		99
11) bis(2-Chloroethyl)ether	6.628	93	73402	7.460	ng		93
12) 1,3-Dichlorobenzene	6.834	146	85535	7.802	ng		98
13) 1,4-Dichlorobenzene	6.910	146	87758	7.912	ng		98
14) 1,2-Dichlorobenzene	7.063	146	81374	7.939	ng		97
15) Benzyl Alcohol	7.028	79	79545	9.270	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.163	45	110051	7.336	ng		94
17) 2-Methylphenol	7.134	107	63550	7.666	ng		96
18) Hexachloroethane	7.404	117	33055	7.942	ng		87
19) n-Nitroso-di-n-propyla...	7.298	70	55724	7.907	ng		97
20) 3+4-Methylphenols	7.292	107	82301	7.612	ng	#	77
22) Acetophenone	7.298	105	115171	8.577	ng		99
24) Nitrobenzene	7.475	77	88192	8.055	ng		99
25) Isophorone	7.710	82	152803	8.188	ng		97
26) 2-Nitrophenol	7.792	139	39796	7.533	ng		94
27) 2,4-Dimethylphenol	7.822	122	68517m	8.621	ng		
28) bis(2-Chloroethoxy)met...	7.916	93	93113	8.612	ng		96
29) 2,4-Dichlorophenol	8.028	162	61980	7.498	ng		99
30) 1,2,4-Trichlorobenzene	8.116	180	70668	8.226	ng		97
31) Naphthalene	8.198	128	234919	8.009	ng		99
32) Benzoic acid	7.898	122	48523m	8.353	ng		
33) 4-Chloroaniline	8.245	127	95138	7.953	ng		99
34) Hexachlorobutadiene	8.310	225	40559	8.260	ng		98
35) Caprolactam	8.581	113	19443	7.375	ng	#	88
36) 4-Chloro-3-methylphenol	8.716	107	69591	7.924	ng		97
37) 2-Methylnaphthalene	8.886	142	151683	7.981	ng		100
38) 1-Methylnaphthalene	8.986	142	143720	7.816	ng		98
40) 1,2,4,5-Tetrachloroben...	9.051	216	67063	8.410	ng		98
41) Hexachlorocyclopentadiene	9.039	237	28458	8.096	ng		98
43) 2,4,6-Trichlorophenol	9.163	196	44796	7.687	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	45523	7.201	ng	#	94
46) 1,1'-Biphenyl	9.351	154	189565	8.445	ng		99
47) 2-Chloronaphthalene	9.380	162	144265	8.024	ng		98
48) 2-Nitroaniline	9.469	65	44866	7.430	ng		98
49) Acenaphthylene	9.792	152	236609	8.569	ng		100
50) Dimethylphthalate	9.645	163	167017	8.003	ng		99
51) 2,6-Dinitrotoluene	9.710	165	36515	7.814	ng		96
52) Acenaphthene	9.963	154	144353	8.056	ng		98
53) 3-Nitroaniline	9.880	138	40154	7.222	ng		97
54) 2,4-Dinitrophenol	9.986	184	20004	8.460	ng		91
55) Dibenzofuran	10.139	168	205727	8.262	ng		99
56) 4-Nitrophenol	10.033	139	29609	7.292	ng		90
57) 2,4-Dinitrotoluene	10.116	165	48884	7.980	ng		93
58) Fluorene	10.480	166	164848	8.295	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.257	232	34665	7.112	ng	#	85
60) Diethylphthalate	10.345	149	163834	8.159	ng		96
61) 4-Chlorophenyl-phenyle...	10.475	204	74117	8.524	ng		97
62) 4-Nitroaniline	10.492	138	40140	7.309	ng		99
63) Azobenzene	10.633	77	166658	8.023	ng		95
65) 4,6-Dinitro-2-methylph...	10.522	198	20807	6.409	ng		94
66) n-Nitrosodiphenylamine	10.592	169	140361	8.044	ng		99
67) 4-Bromophenyl-phenylether	10.963	248	45070	7.914	ng		97
68) Hexachlorobenzene	11.027	284	49796	7.984	ng		95
69) Atrazine	11.110	200	44598	8.363	ng		95
70) Pentachlorophenol	11.222	266	22327	6.511	ng		97
71) Phenanthrene	11.445	178	237196	8.188	ng		99
72) Anthracene	11.498	178	238511	8.309	ng		98
73) Carbazole	11.651	167	217133	8.109	ng		99
74) Di-n-butylphthalate	11.974	149	248362	8.028	ng		100
75) Fluoranthene	12.639	202	238374	8.074	ng		98
77) Benzidine	12.757	184	126660	7.894	ng		98
78) Pyrene	12.868	202	249945	7.259	ng		98
80) Butylbenzylphthalate	13.480	149	93673	6.667	ng		97
81) Benzo(a)anthracene	14.057	228	207020	7.467	ng		99
82) 3,3'-Dichlorobenzidine	14.015	252	70591	7.757	ng	#	95
83) Chrysene	14.092	228	193590	7.398	ng		98
84) Bis(2-ethylhexyl)phtha...	14.033	149	118985	6.896	ng		99
85) Di-n-octyl phthalate	14.651	149	159936	6.477	ng		97
87) Indeno(1,2,3-cd)pyrene	17.062	276	123978	5.995	ng		98
88) Benzo(b)fluoranthene	15.115	252	170193	8.477	ng		99
89) Benzo(k)fluoranthene	15.145	252	156404	8.023	ng		98
90) Benzo(a)pyrene	15.492	252	144881	8.918	ng		98
91) Dibenzo(a,h)anthracene	17.080	278	107128	6.427	ng		99
92) Benzo(g,h,i)perylene	17.521	276	108367	6.257	ng		97

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

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