Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091522\
Data File : BP011714.D
Acq On : 15 Sep 2022 19:20
Operator : CG/JU
Sample : N3980-07
Misc : LOD-MDL-WATER-8NG
ALS Vial : 13 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 16 03:55:37 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 16 03:52:34 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.940	152	429736	20.000	ng		0.00
21) Naphthalene-d8	10.752	136	1775489	20.000	ng	#	0.00
39) Acenaphthene-d10	14.575	164	1211718	20.000	ng		-0.01
64) Phenanthrene-d10	17.334	188	2399124	20.000	ng		0.00
76) Chrysene-d12	21.410	240	2244952	20.000	ng		0.00
86) Perylene-d12	23.863	264	2192257	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	2542748	107.702	ng		0.00
7) Phenol-d6	7.093	99	3397871	107.967	ng		0.00
23) Nitrobenzene-d5	9.105	82	2246698	75.047	ng		0.00
42) 2,4,6-Tribromophenol	16.069	330	1329139	140.388	ng		0.00
45) 2-Fluorobiphenyl	13.204	172	5906121	75.766	ng		0.00
79) Terphenyl-d14	19.886	244	8150086	78.946	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.376	88	84910	8.167	ng	#	83
3) Pyridine	3.793	79	185015	6.172	ng	#	79
4) n-Nitrosodimethylamine	3.693	42	89510	7.789	ng	#	51
6) Aniline	7.264	93	328646	8.477	ng		91
8) 2-Chlorophenol	7.499	128	224611	8.023	ng		93
9) Benzaldehyde	7.075	77	196641	9.761	ng		91
10) Phenol	7.122	94	280208	7.916	ng		84
11) bis(2-Chloroethyl)ether	7.358	93	225272	7.989	ng		95
12) 1,3-Dichlorobenzene	7.828	146	246783	7.949	ng	#	92
13) 1,4-Dichlorobenzene	7.975	146	248940	7.885	ng		97
14) 1,2-Dichlorobenzene	8.293	146	238981	7.940	ng		97
15) Benzyl Alcohol	8.181	79	171144	7.618	ng	#	91
16) 2,2'-oxybis(1-Chloropr...	8.469	45	314379	8.347	ng		93
17) 2-Methylphenol	8.381	107	168351	7.325	ng	#	91
18) Hexachloroethane	9.022	117	84173	7.708	ng		89
19) n-Nitroso-di-n-propyla...	8.746	70	157037	7.707	ng	#	83
20) 3+4-Methylphenols	8.705	107	227086	7.194	ng		92
22) Acetophenone	8.763	105	331679	7.969	ng	#	89
24) Nitrobenzene	9.146	77	248346	7.973	ng		92
25) Isophorone	9.675	82	401638	7.584	ng		95
26) 2-Nitrophenol	9.858	139	76201	5.963	ng		89
27) 2,4-Dimethylphenol	9.916	122	176159	7.956	ng		91
28) bis(2-Chloroethoxy)met...	10.158	93	290401	8.575	ng		97
29) 2,4-Dichlorophenol	10.393	162	169943	6.929	ng		98
30) 1,2,4-Trichlorobenzene	10.610	180	202855	7.471	ng		98
31) Naphthalene	10.799	128	704032	7.641	ng		99
32) Benzoic acid	9.981	122	58990	3.560	ng		85
33) 4-Chloroaniline	10.910	127	275521	7.622	ng	#	93
34) Hexachlorobutadiene	11.087	225	108541	7.256	ng		99
35) Caprolactam	11.681	113	48881	6.151	ng	#	74
36) 4-Chloro-3-methylphenol	12.028	107	206537	7.830	ng		89
37) 2-Methylnaphthalene	12.404	142	540165	8.760	ng		97
38) 1-Methylnaphthalene	12.622	142	512188	8.496	ng		98
40) 1,2,4,5-Tetrachloroben...	12.769	216	268338	8.391	ng		99
41) Hexachlorocyclopentadiene	12.752	237	143473	8.988	ng		99
43) 2,4,6-Trichlorophenol	13.010	196	147772	6.793	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.075	196	167618	6.892	ng		96
46) 1,1'-Biphenyl	13.410	154	708060	8.032	ng		99
47) 2-Chloronaphthalene	13.451	162	529868	7.640	ng		97
48) 2-Nitroaniline	13.657	65	106069	5.453	ng	#	85
49) Acenaphthylene	14.298	152	768511	7.161	ng		100
50) Dimethylphthalate	14.034	163	620251	7.337	ng		99
51) 2,6-Dinitrotoluene	14.151	165	109516	6.389	ng	#	86
52) Acenaphthene	14.640	154	513383m	7.192	ng		
53) 3-Nitroaniline	14.481	138	113855	5.760	ng		91
54) 2,4-Dinitrophenol	14.681	184	35574	4.260	ng		87
55) Dibenzofuran	14.975	168	802285	7.805	ng		97
56) 4-Nitrophenol	14.781	139	86005	5.164	ng	#	70
57) 2,4-Dinitrotoluene	14.934	165	124372	5.601	ng	#	92
58) Fluorene	15.628	166	630794	7.565	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.198	232	135670	6.790	ng		99
60) Diethylphthalate	15.398	149	587319	6.979	ng		100
61) 4-Chlorophenyl-phenyle...	15.622	204	311523	8.083	ng		93
62) 4-Nitroaniline	15.640	138	108929	5.482	ng	#	85
63) Azobenzene	15.916	77	514430	6.361	ng		90
65) 4,6-Dinitro-2-methylph...	15.698	198	52864	4.506	ng		85
66) n-Nitrosodiphenylamine	15.834	169	521328	7.303	ng		96
67) 4-Bromophenyl-phenylether	16.516	248	175497	7.814	ng		99
68) Hexachlorobenzene	16.628	284	209799	8.674	ng		96
69) Atrazine	16.787	200	160063	7.346	ng		98
70) Pentachlorophenol	16.975	266	94516	6.160	ng		99
71) Phenanthrene	17.375	178	964355	7.387	ng		99
72) Anthracene	17.463	178	907369	7.349	ng		99
73) Carbazole	17.734	167	838410	7.198	ng		99
74) Di-n-butylphthalate	18.287	149	853486	6.079	ng		98
75) Fluoranthene	19.334	202	1017043	7.224	ng		98
77) Benzidine	19.516	184	430898	8.071	ng		99
78) Pyrene	19.686	202	1068813	7.059	ng		98
80) Butylbenzylphthalate	20.557	149	329145	5.187	ng		93
81) Benzo(a)anthracene	21.398	228	1033456	7.142	ng		98
82) 3,3'-Dichlorobenzidine	21.328	252	352287	8.016	ng		99
83) Chrysene	21.451	228	999586	7.230	ng		99
84) Bis(2-ethylhexyl)phtha...	21.322	149	472117	5.172	ng		99
85) Di-n-octyl phthalate	22.263	149	724853	4.628	ng	#	93
87) Indeno(1,2,3-cd)pyrene	26.427	276	1078168	6.826	ng	#	95
88) Benzo(b)fluoranthene	23.110	252	987999m	7.287	ng		
89) Benzo(k)fluoranthene	23.163	252	1024180	7.496	ng	#	98
90) Benzo(a)pyrene	23.751	252	825088	7.366	ng	#	97
91) Dibenzo(a,h)anthracene	26.445	278	963175	7.344	ng	#	96
92) Benzo(g,h,i)perylene	27.210	276	925211	7.236	ng	#	95

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

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