Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011623\
Data File : BP013482.D
Acq On : 16 Jan 2023 15:23
Operator : CG/JU
Sample : N3214-07
Misc : LOD-MDL-WATER 4ppm
ALS Vial : 10 Sample Multiplier: 1

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

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/18/2023

Quant Time: Jan 17 03:46:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 13 03:32:57 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.905	152	546056	20.000	ng		0.00
21) Naphthalene-d8	10.716	136	2234425	20.000	ng		0.00
39) Acenaphthene-d10	14.557	164	1537285	20.000	ng		0.00
64) Phenanthrene-d10	17.310	188	3598398	20.000	ng		0.00
76) Chrysene-d12	21.404	240	3775037	20.000	ng		0.00
86) Perylene-d12	23.869	264	4369403	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.458	112	2810692	90.418	ng		0.00
7) Phenol-d6	7.069	99	3842816	87.455	ng		0.00
23) Nitrobenzene-d5	9.075	82	2938561	69.870	ng		0.00
42) 2,4,6-Tribromophenol	16.051	330	2245779	93.588	ng		0.00
45) 2-Fluorobiphenyl	13.175	172	7515565	71.467	ng		0.00
79) Terphenyl-d14	19.869	244	11817320	63.999	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.328	88	46055	3.778	ng		96
3) Pyridine	3.758	79	112447	2.959	ng		96
4) n-Nitrosodimethylamine	3.658	42	64472	3.538	ng	#	97
6) Aniline	7.228	93	194891	3.319	ng		99
8) 2-Chlorophenol	7.464	128	125019	3.475	ng		95
9) Benzaldehyde	7.046	77	111638m	4.209	ng		
10) Phenol	7.093	94	157642	3.476	ng		90
11) bis(2-Chloroethyl)ether	7.328	93	127742	3.475	ng		98
12) 1,3-Dichlorobenzene	7.793	146	142251	3.753	ng		97
13) 1,4-Dichlorobenzene	7.940	146	143732	3.721	ng		96
14) 1,2-Dichlorobenzene	8.258	146	141782	3.757	ng		99
15) Benzyl Alcohol	8.152	79	104328	3.081	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.434	45	207883	3.655	ng		99
17) 2-Methylphenol	8.352	107	103064	3.070	ng		96
18) Hexachloroethane	8.987	117	50440	3.687	ng		97
19) n-Nitroso-di-n-propyla...	8.716	70	103735	3.308	ng		96
20) 3+4-Methylphenols	8.681	107	137575	2.949	ng		95
22) Acetophenone	8.734	105	201709	3.525	ng	#	97
24) Nitrobenzene	9.116	77	158587	3.645	ng		98
25) Isophorone	9.640	82	284297	3.284	ng		97
26) 2-Nitrophenol	9.834	139	65637	3.052	ng		99
27) 2,4-Dimethylphenol	9.887	122	109535	3.094	ng		98
28) bis(2-Chloroethoxy)met...	10.122	93	175329	3.434	ng		98
29) 2,4-Dichlorophenol	10.363	162	119254	3.210	ng		98
30) 1,2,4-Trichlorobenzene	10.581	180	142443	3.623	ng		97
31) Naphthalene	10.769	128	419549	3.551	ng		99
32) Benzoic acid	9.963	122	66006m	2.235	ng		
33) 4-Chloroaniline	10.881	127	162444	3.010	ng		99
34) Hexachlorobutadiene	11.046	225	91732	3.702	ng		100
35) Caprolactam	11.669	113	39361	2.974	ng		89
36) 4-Chloro-3-methylphenol	12.005	107	128007	3.162	ng		100
37) 2-Methylnaphthalene	12.375	142	294385	3.319	ng		100
38) 1-Methylnaphthalene	12.599	142	293066	3.502	ng		99
40) 1,2,4,5-Tetrachloroben...	12.746	216	178168	3.536	ng		100
41) Hexachlorocyclopentadiene	12.716	237	75289	2.866	ng		97
43) 2,4,6-Trichlorophenol	12.987	196	109104	3.149	ng		97

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.057	196	118272	2.909	ng	96
46) 1,1'-Biphenyl	13.387	154	423452	3.643	ng	99
47) 2-Chloronaphthalene	13.428	162	318458	3.572	ng	100
48) 2-Nitroaniline	13.640	65	79983	2.726	ng	92
49) Acenaphthylene	14.275	152	484207	3.294	ng	100
50) Dimethylphthalate	14.004	163	416250	3.415	ng	99
51) 2,6-Dinitrotoluene	14.134	165	79168	2.977	ng	94
52) Acenaphthene	14.616	154	300530	3.454	ng	97
53) 3-Nitroaniline	14.463	138	78414	2.756	ng	89
54) 2,4-Dinitrophenol	14.675	184	39647	2.194	ng	100
55) Dibenzofuran	14.951	168	509829	3.534	ng	100
56) 4-Nitrophenol	14.775	139	59719	2.612	ng	95
57) 2,4-Dinitrotoluene	14.922	165	103126	2.836	ng	94
58) Fluorene	15.604	166	403836	3.547	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.181	232	109945	3.128	ng	99
60) Diethylphthalate	15.375	149	403011	3.378	ng	99
61) 4-Chlorophenyl-phenyle...	15.598	204	217274	3.594	ng	98
62) 4-Nitroaniline	15.628	138	75089	2.578	ng	96
63) Azobenzene	15.893	77	356785	3.257	ng	99
65) 4,6-Dinitro-2-methylph...	15.687	198	57521	2.337	ng	89
66) n-Nitrosodiphenylamine	15.816	169	350749	3.317	ng	99
67) 4-Bromophenyl-phenylether	16.492	248	133834	3.231	ng	99
68) Hexachlorobenzene	16.610	284	162092	3.593	ng	97
69) Atrazine	16.769	200	131962	3.408	ng	96
70) Pentachlorophenol	16.963	266	82335	2.490	ng	97
71) Phenanthrene	17.357	178	674620	3.553	ng	98
72) Anthracene	17.445	178	653798	3.384	ng	99
73) Carbazole	17.722	167	587188	3.337	ng	99
74) Di-n-butylphthalate	18.257	149	660194	3.232	ng	100
75) Fluoranthene	19.322	202	805672	3.533	ng	99
77) Benzidine	19.504	184	341571	3.045	ng	99
78) Pyrene	19.675	202	853523	3.438	ng	97
80) Butylbenzylphthalate	20.539	149	305808	2.849	ng	96
81) Benzo(a)anthracene	21.386	228	911035	3.584	ng	98
82) 3,3'-Dichlorobenzidine	21.316	252	335660	3.534	ng	97
83) Chrysene	21.445	228	854498	3.557	ng	97
84) Bis(2-ethylhexyl)phtha...	21.298	149	479643	3.088	ng	100
85) Di-n-octyl phthalate	22.239	149	823094	3.122	ng	97
87) Indeno(1,2,3-cd)pyrene	26.427	276	1024226	3.241	ng	100
88) Benzo(b)fluoranthene	23.110	252	937977	3.616	ng	99
89) Benzo(k)fluoranthene	23.157	252	919277	3.651	ng	98
90) Benzo(a)pyrene	23.757	252	826394	3.242	ng	99
91) Dibenzo(a,h)anthracene	26.445	278	897608	3.412	ng	99
92) Benzo(g,h,i)perylene	27.221	276	892770	3.439	ng	97

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

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