Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121422\
Data File : BP013108.D
Acq On : 14 Dec 2022 16:35
Operator : CG/JU
Sample : N4955-09
Misc : MDL-MDL-WATER-8ng
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2022

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022

Quant Time: Dec 15 04:05:49 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 15 04:03:43 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.957	152	459359	20.000	ng		0.00
21) Naphthalene-d8	10.775	136	1638015	20.000	ng		0.00
39) Acenaphthene-d10	14.598	164	930430	20.000	ng		0.00
64) Phenanthrene-d10	17.357	188	2012585	20.000	ng		0.00
76) Chrysene-d12	21.445	240	2066699	20.000	ng		0.00
86) Perylene-d12	23.927	264	2277222	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	2445736	97.281	ng		0.00
7) Phenol-d6	7.116	99	3039044	92.562	ng		0.00
23) Nitrobenzene-d5	9.128	82	1936789	64.822	ng		0.00
42) 2,4,6-Tribromophenol	16.092	330	1116796	99.553	ng		0.00
45) 2-Fluorobiphenyl	13.222	172	4491458	65.544	ng		0.00
79) Terphenyl-d14	19.904	244	6745908	64.397	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.375	88	84564	7.591	ng		99
3) Pyridine	3.799	79	191609	6.057	ng		96
4) n-Nitrosodimethylamine	3.699	42	96095	6.778	ng	#	94
6) Aniline	7.281	93	287428	7.229	ng		98
8) 2-Chlorophenol	7.516	128	200922	6.779	ng		99
9) Benzaldehyde	7.093	77	164632m	8.357	ng		
10) Phenol	7.140	94	247121	6.724	ng		97
11) bis(2-Chloroethyl)ether	7.381	93	198685	6.715	ng		98
12) 1,3-Dichlorobenzene	7.846	146	238996	6.931	ng		97
13) 1,4-Dichlorobenzene	7.993	146	241621	6.880	ng		99
14) 1,2-Dichlorobenzene	8.316	146	233262	6.998	ng		100
15) Benzyl Alcohol	8.198	79	143060	6.007	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.487	45	290213	6.772	ng		99
17) 2-Methylphenol	8.398	107	146914	6.048	ng		98
18) Hexachloroethane	9.046	117	78612	6.610	ng		95
19) n-Nitroso-di-n-propyla...	8.769	70	124890	5.857	ng		95
20) 3+4-Methylphenols	8.728	107	189344	5.733	ng		99
22) Acetophenone	8.787	105	277997	6.820	ng	#	98
24) Nitrobenzene	9.169	77	217663	6.990	ng		99
25) Isophorone	9.698	82	313987	6.187	ng		100
26) 2-Nitrophenol	9.881	139	73281	5.141	ng		94
27) 2,4-Dimethylphenol	9.940	122	149334	6.955	ng		98
28) bis(2-Chloroethoxy)met...	10.175	93	229791	7.062	ng		98
29) 2,4-Dichlorophenol	10.416	162	157016	5.925	ng		97
30) 1,2,4-Trichlorobenzene	10.634	180	210499	6.730	ng		98
31) Naphthalene	10.822	128	591901	6.599	ng		99
32) Benzoic acid	10.004	122	62610m	3.696	ng		
33) 4-Chloroaniline	10.934	127	213220	6.374	ng		98
34) Hexachlorobutadiene	11.104	225	128798	6.455	ng		98
35) Caprolactam	11.716	113	34616	5.059	ng		90
36) 4-Chloro-3-methylphenol	12.051	107	145745	5.888	ng		99
37) 2-Methylnaphthalene	12.428	142	384121	6.368	ng		98
38) 1-Methylnaphthalene	12.645	142	366114	6.233	ng		99
40) 1,2,4,5-Tetrachloroben...	12.792	216	225420	6.791	ng		99
41) Hexachlorocyclopentadiene	12.775	237	106277	6.350	ng		99
43) 2,4,6-Trichlorophenol	13.034	196	117931	5.634	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.104	196	131864	5.831	ng		97
46) 1,1'-Biphenyl	13.434	154	510911	6.945	ng		99
47) 2-Chloronaphthalene	13.475	162	394543	6.748	ng		99
48) 2-Nitroaniline	13.681	65	74119	5.124	ng		95
49) Acenaphthylene	14.322	152	541608	6.297	ng		98
50) Dimethylphthalate	14.051	163	444606	6.533	ng		99
51) 2,6-Dinitrotoluene	14.175	165	76138	5.467	ng		91
52) Acenaphthene	14.663	154	354772	6.635	ng		98
53) 3-Nitroaniline	14.504	138	72495	5.105	ng	#	97
54) 2,4-Dinitrophenol	14.710	184	31149	3.754	ng		92
55) Dibenzofuran	14.998	168	588256	6.875	ng		100
56) 4-Nitrophenol	14.804	139	58387	5.017	ng		86
57) 2,4-Dinitrotoluene	14.963	165	90442	5.195	ng		91
58) Fluorene	15.651	166	448674	6.774	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.222	232	115169	5.958	ng		99
60) Diethylphthalate	15.416	149	405322	6.478	ng		100
61) 4-Chlorophenyl-phenyle...	15.639	204	233381	6.809	ng		96
62) 4-Nitroaniline	15.669	138	67884m	5.122	ng		
63) Azobenzene	15.933	77	365929	6.294	ng		96
65) 4,6-Dinitro-2-methylph...	15.728	198	46706	3.612	ng		88
66) n-Nitrosodiphenylamine	15.857	169	371383	5.910	ng		98
67) 4-Bromophenyl-phenylether	16.539	248	136171	5.722	ng		98
68) Hexachlorobenzene	16.657	284	169848	6.095	ng		97
69) Atrazine	16.804	200	120304	6.824	ng		97
70) Pentachlorophenol	17.004	266	79696	4.857	ng		99
71) Phenanthrene	17.398	178	729078	6.366	ng		99
72) Anthracene	17.492	178	671117	6.242	ng		100
73) Carbazole	17.757	167	603529	6.403	ng		100
74) Di-n-butylphthalate	18.304	149	572246	5.520	ng		99
75) Fluoranthene	19.363	202	804916	6.530	ng		99
77) Benzidine	19.539	184	294067	10.017	ng		99
78) Pyrene	19.716	202	859558	5.788	ng		100
80) Butylbenzylphthalate	20.580	149	236827	4.919	ng		97
81) Benzo(a)anthracene	21.427	228	910464	6.445	ng		98
82) 3,3'-Dichlorobenzidine	21.357	252	285467	6.786	ng		98
83) Chrysene	21.480	228	882449	6.404	ng		99
84) Bis(2-ethylhexyl)phtha...	21.339	149	337019	5.146	ng		98
85) Di-n-octyl phthalate	22.292	149	539783	4.908	ng		96
87) Indeno(1,2,3-cd)pyrene	26.521	276	1032424	5.549	ng		99
88) Benzo(b)fluoranthene	23.162	252	898990	6.131	ng		98
89) Benzo(k)fluoranthene	23.209	252	917439	6.185	ng		99
90) Benzo(a)pyrene	23.815	252	764289	6.212	ng		99
91) Dibenzo(a,h)anthracene	26.539	278	901469	5.830	ng		99
92) Benzo(g,h,i)perylene	27.321	276	882021	5.757	ng		99

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

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