Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020224\
Data File : BP019544.D
Acq On : 03 Feb 2024 00:41
Operator : MA/JU
Sample : 04699-07
Misc : LOD-MDL-WATER 4PPM
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024

Quant Time: Feb 03 01:11:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 01 00:51:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.910	152	84909	20.000	ng		0.00
21) Naphthalene-d8	10.710	136	346244	20.000	ng		0.00
39) Acenaphthene-d10	14.539	164	228818	20.000	ng		-0.01
64) Phenanthrene-d10	17.298	188	445024	20.000	ng		0.00
76) Chrysene-d12	21.386	240	328912	20.000	ng		0.00
86) Perylene-d12	23.804	264	431768	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	692460	131.457	ng		0.00
7) Phenol-d6	7.081	99	922334	129.859	ng		0.00
23) Nitrobenzene-d5	9.081	82	626293	78.379	ng		0.00
42) 2,4,6-Tribromophenol	16.033	330	437427	130.931	ng		0.00
45) 2-Fluorobiphenyl	13.175	172	1473934	79.632	ng		0.00
79) Terphenyl-d14	19.863	244	1656954	82.847	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.387	88	8609	4.242	ng		99
3) Pyridine	3.793	79	19449	3.535	ng		97
4) n-Nitrosodimethylamine	3.716	42	9211	3.845	ng	#	97
6) Aniline	7.246	93	31349	4.542	ng		96
8) 2-Chlorophenol	7.469	128	21338	3.946	ng		92
9) Benzaldehyde	7.063	77	23175	4.654	ng		98
10) Phenol	7.104	94	28057	3.963	ng		88
11) bis(2-Chloroethyl)ether	7.346	93	21819	3.962	ng		96
12) 1,3-Dichlorobenzene	7.793	146	26464	3.999	ng		99
13) 1,4-Dichlorobenzene	7.946	146	25336	3.779	ng		94
14) 1,2-Dichlorobenzene	8.257	146	25190	3.883	ng		96
15) Benzyl Alcohol	8.157	79	21899	3.859	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.451	45	22406	4.068	ng		97
17) 2-Methylphenol	8.357	107	19138	4.016	ng		96
18) Hexachloroethane	8.981	117	9859	3.794	ng		97
19) n-Nitroso-di-n-propyla...	8.722	70	19803	4.082	ng	#	91
20) 3+4-Methylphenols	8.681	107	24851	3.821	ng		98
22) Acetophenone	8.740	105	39227	3.977	ng	#	96
24) Nitrobenzene	9.122	77	31318	3.893	ng		97
25) Isophorone	9.640	82	52777	3.793	ng		98
26) 2-Nitrophenol	9.828	139	10657	3.474	ng		90
27) 2,4-Dimethylphenol	9.887	122	17945	4.575	ng		93
28) bis(2-Chloroethoxy)met...	10.140	93	30063	3.818	ng		96
29) 2,4-Dichlorophenol	10.357	162	21005	3.542	ng		95
30) 1,2,4-Trichlorobenzene	10.569	180	26740	3.678	ng		97
31) Naphthalene	10.763	128	70715	3.724	ng		100
32) Benzoic acid	9.946	122	9388m	2.456	ng		
33) 4-Chloroaniline	10.881	127	28519	4.061	ng		97
34) Hexachlorobutadiene	11.034	225	19261	3.575	ng		95
35) Caprolactam	11.651	113	5848m	3.484	ng		
36) 4-Chloro-3-methylphenol	11.998	107	23155	3.581	ng		97
37) 2-Methylnaphthalene	12.369	142	52439	3.990	ng		95
38) 1-Methylnaphthalene	12.587	142	49521m	3.834	ng		
40) 1,2,4,5-Tetrachloroben...	12.728	216	34321	3.889	ng		97
41) Hexachlorocyclopentadiene	12.704	237	17807	4.467	ng		95
43) 2,4,6-Trichlorophenol	12.975	196	18315	3.427	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.045	196	19825	3.379	ng		93
46) 1,1'-Biphenyl	13.381	154	70893	3.882	ng		98
47) 2-Chloronaphthalene	13.422	162	55344	3.692	ng		98
48) 2-Nitroaniline	13.634	65	13299	3.173	ng		88
49) Acenaphthylene	14.263	152	85747	4.077	ng		98
50) Dimethylphthalate	14.010	163	66790	3.813	ng		99
51) 2,6-Dinitrotoluene	14.128	165	12601	3.274	ng		93
52) Acenaphthene	14.604	154	48007	3.678	ng		95
53) 3-Nitroaniline	14.457	138	11980	3.387	ng		94
54) 2,4-Dinitrophenol	14.663	184	4637	2.321	ng	#	91
55) Dibenzofuran	14.939	168	81972	3.856	ng		96
56) 4-Nitrophenol	14.757	139	7239	2.497	ng		90
57) 2,4-Dinitrotoluene	14.916	165	15422	3.058	ng		97
58) Fluorene	15.592	166	62201	3.673	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.163	232	17406m	3.527	ng		
60) Diethylphthalate	15.381	149	59183	3.397	ng		99
61) 4-Chlorophenyl-phenyle...	15.592	204	35853	3.767	ng		97
62) 4-Nitroaniline	15.616	138	10023	2.704	ng		98
63) Azobenzene	15.886	77	57013	3.384	ng		97
65) 4,6-Dinitro-2-methylph...	15.669	198	6722	2.649	ng		89
66) n-Nitrosodiphenylamine	15.810	169	51632	3.874	ng		96
67) 4-Bromophenyl-phenylether	16.492	248	21088	3.791	ng		98
68) Hexachlorobenzene	16.586	284	24453	3.764	ng		95
69) Atrazine	16.769	200	16908	3.823	ng		94
70) Pentachlorophenol	16.939	266	11086	2.740	ng		95
71) Phenanthrene	17.339	178	89659	3.828	ng		99
72) Anthracene	17.433	178	87001	3.724	ng		99
73) Carbazole	17.710	167	68430	3.224	ng		100
74) Di-n-butylphthalate	18.269	149	72535	2.827	ng		99
75) Fluoranthene	19.304	202	86553	3.025	ng		98
77) Benzidine	19.498	184	37959	5.520	ng		96
78) Pyrene	19.657	202	88234	3.801	ng		99
80) Butylbenzylphthalate	20.551	149	24328	2.806	ng		100
81) Benzo(a)anthracene	21.368	228	86122	3.720	ng		98
82) 3,3'-Dichlorobenzidine	21.310	252	31019	3.677	ng		99
83) Chrysene	21.421	228	79484	3.616	ng		99
84) Bis(2-ethylhexyl)phtha...	21.321	149	36971	2.801	ng		98
85) Di-n-octyl phthalate	22.263	149	65754	2.831	ng	#	100
87) Indeno(1,2,3-cd)pyrene	26.321	276	125012	3.782	ng	#	89
88) Benzo(b)fluoranthene	23.062	252	95585	3.513	ng		99
89) Benzo(k)fluoranthene	23.115	252	87589	3.370	ng		100
90) Benzo(a)pyrene	23.692	252	84587	3.493	ng		99
91) Dibenzo(a,h)anthracene	26.356	278	104330	3.838	ng		99
92) Benzo(g,h,i)perylene	27.092	276	101722	3.689	ng		99

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

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