Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081424\
Data File : BP021498.D
Acq On : 14 Aug 2024 13:30
Operator : RC/JU
Sample : P3390-07
Misc : LOD-MDL-WATERL-8ng
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

Quant Time: Aug 14 13:58:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 14 00:00:30 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.811	152	334020	20.000	ng		0.00
21) Naphthalene-d8	10.593	136	1435677	20.000	ng		0.00
39) Acenaphthene-d10	14.445	164	956244	20.000	ng		-0.01
64) Phenanthrene-d10	17.251	188	2049194	20.000	ng		0.00
76) Chrysene-d12	21.698	240	2002013	20.000	ng		0.00
86) Perylene-d12	25.104	264	2179316	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.399	112	2963004	131.718	ng		0.00
7) Phenol-d6	6.963	99	4268905	130.090	ng		0.00
23) Nitrobenzene-d5	8.952	82	2729909	98.145	ng		0.00
42) 2,4,6-Tribromophenol	15.963	330	1427660	134.146	ng		0.00
45) 2-Fluorobiphenyl	13.057	172	5551572	88.603	ng		0.00
79) Terphenyl-d14	19.975	244	8476573	82.256	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.322	88	88479	8.295	ng		99
3) Pyridine	3.711	79	217218	7.295	ng		98
4) n-Nitrosodimethylamine	3.622	42	75729	8.462	ng	#	97
6) Aniline	7.128	93	323459	9.860	ng		98
8) 2-Chlorophenol	7.369	128	175783	8.456	ng		97
9) Benzaldehyde	6.946	77	221132	10.525	ng		100
10) Phenol	6.987	94	281054	8.271	ng		95
11) bis(2-Chloroethyl)ether	7.228	93	241944	8.414	ng		98
12) 1,3-Dichlorobenzene	7.699	146	201765	8.171	ng		98
13) 1,4-Dichlorobenzene	7.846	146	204963	8.220	ng		96
14) 1,2-Dichlorobenzene	8.158	146	197996	8.240	ng		99
15) Benzyl Alcohol	8.034	79	201887	8.575	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.328	45	235087	8.878	ng		99
17) 2-Methylphenol	8.234	107	172675	8.038	ng		99
18) Hexachloroethane	8.887	117	82865	8.288	ng		96
19) n-Nitroso-di-n-propyla...	8.605	70	194273	8.570	ng		98
20) 3+4-Methylphenols	8.558	107	233793	8.071	ng		97
22) Acetophenone	8.616	105	369897	8.387	ng	#	98
24) Nitrobenzene	8.993	77	266594	8.825	ng		100
25) Isophorone	9.516	82	547070	8.325	ng		99
26) 2-Nitrophenol	9.699	139	46238	10.326	ng		89
27) 2,4-Dimethylphenol	9.757	122	134401	8.288	ng		98
28) bis(2-Chloroethoxy)met...	9.999	93	331796	8.272	ng		98
29) 2,4-Dichlorophenol	10.234	162	147608	7.704	ng		99
30) 1,2,4-Trichlorobenzene	10.457	180	194462	7.916	ng		97
31) Naphthalene	10.640	128	610233	8.136	ng		99
32) Benzoic acid	9.810	122	40651	8.430	ng		88
33) 4-Chloroaniline	10.734	127	240978	8.554	ng		99
34) Hexachlorobutadiene	10.940	225	119683	7.738	ng		98
35) Caprolactam	11.475	113	61275	7.683	ng		99
36) 4-Chloro-3-methylphenol	11.857	107	201261	7.572	ng		98
37) 2-Methylnaphthalene	12.251	142	404760	7.907	ng		99
38) 1-Methylnaphthalene	12.469	142	387854	7.683	ng		99
40) 1,2,4,5-Tetrachloroben...	12.622	216	229889	8.205	ng		100
41) Hexachlorocyclopentadiene	12.610	237	75746	8.530	ng		96
43) 2,4,6-Trichlorophenol	12.857	196	114240	7.340	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.922	196	131007	7.576	ng		99
46) 1,1'-Biphenyl	13.269	154	565259	8.355	ng		99
47) 2-Chloronaphthalene	13.310	162	424263	8.055	ng		99
48) 2-Nitroaniline	13.498	65	90671	10.631	ng		97
49) Acenaphthylene	14.157	152	668703	8.636	ng		100
50) Dimethylphthalate	13.893	163	529307	8.265	ng		98
51) 2,6-Dinitrotoluene	14.004	165	81125	9.743	ng		93
52) Acenaphthene	14.510	154	404991	7.971	ng		99
53) 3-Nitroaniline	14.334	138	83792	10.021	ng	#	96
54) 2,4-Dinitrophenol	14.534	184	19768	10.075	ng	#	65
55) Dibenzofuran	14.851	168	659580	8.439	ng		99
56) 4-Nitrophenol	14.640	139	60601	10.422	ng		94
57) 2,4-Dinitrotoluene	14.798	165	91907	10.030	ng	#	94
58) Fluorene	15.510	166	534894	8.331	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.081	232	113328	7.721	ng	#	97
60) Diethylphthalate	15.287	149	529684	8.061	ng		99
61) 4-Chlorophenyl-phenyle...	15.510	204	274584	8.274	ng		99
62) 4-Nitroaniline	15.504	138	84996	9.047	ng		88
63) Azobenzene	15.810	77	693633	8.588	ng		98
65) 4,6-Dinitro-2-methylph...	15.575	198	29341	10.470	ng		90
66) n-Nitrosodiphenylamine	15.728	169	449775	8.190	ng		99
67) 4-Bromophenyl-phenylether	16.428	248	161250	7.435	ng		97
68) Hexachlorobenzene	16.539	284	199447	7.782	ng		98
69) Atrazine	16.698	200	156027	8.275	ng		98
70) Pentachlorophenol	16.892	266	81735	5.843	ng		97
71) Phenanthrene	17.292	178	831050	8.433	ng		100
72) Anthracene	17.386	178	796353	8.240	ng		100
73) Carbazole	17.663	167	739560	7.940	ng		99
74) Di-n-butylphthalate	18.263	149	877850	7.674	ng		99
75) Fluoranthene	19.375	202	946144	7.825	ng		99
77) Benzidine	19.569	184	360312	10.588	ng		98
78) Pyrene	19.751	202	1003653	7.670	ng		99
80) Butylbenzylphthalate	20.710	149	287561	8.958	ng		94
81) Benzo(a)anthracene	21.680	228	1028171	8.181	ng		100
82) 3,3'-Dichlorobenzidine	21.604	252	331999	8.239	ng		97
83) Chrysene	21.745	228	957034	8.065	ng		99
84) Bis(2-ethylhexyl)phtha...	21.651	149	551487	7.424	ng		100
85) Di-n-octyl phthalate	22.963	149	746937	9.984	ng		98
87) Indeno(1,2,3-cd)pyrene	28.980	276	1070255	7.576	ng		99
88) Benzo(b)fluoranthene	24.021	252	972911	7.773	ng		99
89) Benzo(k)fluoranthene	24.104	252	948116	7.765	ng		99
90) Benzo(a)pyrene	24.945	252	852529	7.849	ng		99
91) Dibenzo(a,h)anthracene	29.062	278	904484	7.706	ng		98
92) Benzo(g,h,i)perylene	30.162	276	849836	7.224	ng		99

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

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