Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090424\
Data File : BG062653.D
Acq On : 4 Sep 2024 22:24
Operator : MA/JU
Sample : SSTDCCC040
Misc : LOD-MDL-WATER-8 ng
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Sep 05 04:53:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG083024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 31 02:36:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.920	152	69859	20.000	ng	0.00
21) Naphthalene-d8	10.711	136	288997	20.000	ng	0.00
39) Acenaphthene-d10	14.548	164	231654	20.000	ng	0.00
64) Phenanthrene-d10	17.286	188	609426	20.000	ng	0.00
76) Chrysene-d12	21.534	240	628317	20.000	ng	0.00
86) Perylene-d12	24.601	264	736140	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.500	112	307700	76.135	ng	0.00
7) Phenol-d6	7.086	99	463129	79.323	ng	0.00
23) Nitrobenzene-d5	9.078	82	453329	84.481	ng	0.00
42) 2,4,6-Tribromophenol	16.035	330	291679	89.469	ng	0.00
45) 2-Fluorobiphenyl	13.167	172	1149279	80.361	ng	0.00
79) Terphenyl-d14	19.906	244	2404881	75.893	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.408	88	67026	39.810	ng	97
3) Pyridine	3.802	79	191716	39.521	ng	95
4) n-Nitrosodimethylamine	3.714	42	95031	40.295	ng	100
6) Aniline	7.245	93	206900	37.929	ng	94
8) 2-Chlorophenol	7.486	128	165753	38.201	ng	94
9) Benzaldehyde	7.063	77	141770	41.744	ng	95
10) Phenol	7.116	94	233936	39.579	ng	99
11) bis(2-Chloroethyl)ether	7.345	93	169234	37.397	ng	98
12) 1,3-Dichlorobenzene	7.815	146	184647	38.779	ng	99
13) 1,4-Dichlorobenzene	7.956	146	185890	37.935	ng	97
14) 1,2-Dichlorobenzene	8.273	146	187208	38.867	ng	99
15) Benzyl Alcohol	8.156	79	162512	37.619	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.443	45	294670	34.165	ng	100
17) 2-Methylphenol	8.361	107	154918	37.601	ng	99
18) Hexachloroethane	9.002	117	70839	38.554	ng	96
19) n-Nitroso-di-n-propyla...	8.725	70	160740	34.939	ng	97
20) 3+4-Methylphenols	8.684	107	223524	36.774	ng	94
22) Acetophenone	8.737	105	308025	39.509	ng	97
24) Nitrobenzene	9.119	77	238261	41.760	ng	98
25) Isophorone	9.642	82	444033	37.696	ng	99
26) 2-Nitrophenol	9.824	139	96677	44.845	ng	96
27) 2,4-Dimethylphenol	9.889	122	127313	40.304	ng	98
28) bis(2-Chloroethoxy)met...	10.124	93	246311	39.062	ng	98
29) 2,4-Dichlorophenol	10.359	162	184644	41.807	ng	97
30) 1,2,4-Trichlorobenzene	10.576	180	218203	41.677	ng	100
31) Naphthalene	10.764	128	585263	40.858	ng	99
32) Benzoic acid	10.030	122	133919	39.419	ng	94
33) 4-Chloroaniline	10.870	127	230367	40.866	ng	96
34) Hexachlorobutadiene	11.052	225	151645	41.470	ng	97
35) Caprolactam	11.634	113	67672	39.746	ng	95
36) 4-Chloro-3-methylphenol	11.992	107	210952	39.598	ng	97
37) 2-Methylnaphthalene	12.368	142	433020	38.975	ng	99
38) 1-Methylnaphthalene	12.591	142	432451	38.764	ng	99
40) 1,2,4,5-Tetrachloroben...	12.738	216	293264	42.096	ng	99
41) Hexachlorocyclopentadiene	12.721	237	90552	45.557	ng	98
43) 2,4,6-Trichlorophenol	12.979	196	187066	42.357	ng	97

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG083024.M
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	13.050	196	210877	42.163	ng	99
46) 1,1'-Biphenyl	13.379	154	627380	40.595	ng	99
47) 2-Chloronaphthalene	13.420	162	511579	40.844	ng	98
48) 2-Nitroaniline	13.620	65	149920	45.508	ng	97
49) Acenaphthylene	14.266	152	749131	40.388	ng	98
50) Dimethylphthalate	14.002	163	671719	39.655	ng	99
51) 2,6-Dinitrotoluene	14.119	165	144601	45.131	ng	96
52) Acenaphthene	14.613	154	465122	40.114	ng	97
53) 3-Nitroaniline	14.448	138	136827	44.135	ng	98
54) 2,4-Dinitrophenol	14.654	184	82510	45.889	ng	95
55) Dibenzofuran	14.942	168	804225	40.443	ng	97
56) 4-Nitrophenol	14.760	139	119668	45.547	ng	91
57) 2,4-Dinitrotoluene	14.906	165	205875	47.094	ng	94
58) Fluorene	15.594	166	632071	40.502	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.171	232	201970	42.628	ng	97
60) Diethylphthalate	15.365	149	670522	39.938	ng	99
61) 4-Chlorophenyl-phenyle...	15.588	204	367883	41.063	ng	97
62) 4-Nitroaniline	15.611	138	153566	44.923	ng	99
63) Azobenzene	15.882	77	630095	39.968	ng	98
65) 4,6-Dinitro-2-methylph...	15.670	198	124961	45.947	ng	94
66) n-Nitrosodiphenylamine	15.799	169	583854	39.848	ng	99
67) 4-Bromophenyl-phenylether	16.481	248	260680	41.445	ng	96
68) Hexachlorobenzene	16.599	284	315542	42.362	ng	95
69) Atrazine	16.745	200	163634	32.880	ng	98
70) Pentachlorophenol	16.939	266	198233	41.551	ng	99
71) Phenanthrene	17.333	178	1151877	40.494	ng	99
72) Anthracene	17.421	178	1136751	40.645	ng	98
73) Carbazole	17.691	167	1042316	40.540	ng	99
74) Di-n-butylphthalate	18.255	149	1184915	40.865	ng	99
75) Fluoranthene	19.342	202	1482906	41.219	ng	98
77) Benzidine	19.525	184	578456	51.079	ng	99
78) Pyrene	19.707	202	1562032	39.109	ng	99
80) Butylbenzylphthalate	20.600	149	470501	40.106	ng	97
81) Benzo(a)anthracene	21.516	228	1583000	39.945	ng	100
82) 3,3'-Dichlorobenzidine	21.434	252	527707	40.876	ng	99
83) Chrysene	21.581	228	1543811	40.670	ng	99
84) Bis(2-ethylhexyl)phtha...	21.434	149	708083	39.730	ng	95
85) Di-n-octyl phthalate	22.597	149	1218337	39.042	ng	99
87) Indeno(1,2,3-cd)pyrene	28.079	276	1927940	40.844	ng	98
88) Benzo(b)fluoranthene	23.637	252	1621423	39.878	ng	99
89) Benzo(k)fluoranthene	23.702	252	1605364	40.363	ng	98
90) Benzo(a)pyrene	24.460	252	1425313	39.680	ng	99
91) Dibenzo(a,h)anthracene	28.132	278	1603379	41.234	ng	98
92) Benzo(g,h,i)perylene	29.154	276	1608203	41.015	ng	96

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

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