Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032324\
Data File : BM044731.D
Acq On : 22 Mar 2024 12:48
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: Mar 22 14:39:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 14 02:28:24 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.687	152	201578	20.000	ng		-0.02
21) Naphthalene-d8	10.463	136	741662	20.000	ng		-0.02
39) Acenaphthene-d10	14.333	164	389505	20.000	ng		-0.02
64) Phenanthrene-d10	17.086	188	709661	20.000	ng		-0.02
76) Chrysene-d12	21.286	240	616271	20.000	ng		-0.02
86) Perylene-d12	23.527	264	694244	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.310	112	1113388	79.303	ng		0.00
7) Phenol-d6	6.875	99	1359803	75.285	ng		0.00
23) Nitrobenzene-d5	8.851	82	1241548	80.646	ng		-0.01
42) 2,4,6-Tribromophenol	15.833	330	345381	80.394	ng		-0.01
45) 2-Fluorobiphenyl	12.945	172	2310785	81.705	ng		-0.02
79) Terphenyl-d14	19.727	244	2887828	81.974	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.310	88	229925	38.962	ng		98
3) Pyridine	3.693	79	621493	38.083	ng		96
4) n-Nitrosodimethylamine	3.616	42	260500	39.832	ng		92
6) Aniline	7.034	93	778446	36.389	ng		98
8) 2-Chlorophenol	7.257	128	534456	38.219	ng		99
9) Benzaldehyde	6.851	77	351440	37.151	ng		99
10) Phenol	6.898	94	667916	37.027	ng		97
11) bis(2-Chloroethyl)ether	7.134	93	546078	37.077	ng		99
12) 1,3-Dichlorobenzene	7.575	146	576073	38.312	ng		98
13) 1,4-Dichlorobenzene	7.728	146	579854	38.263	ng		99
14) 1,2-Dichlorobenzene	8.034	146	547997	37.918	ng		99
15) Benzyl Alcohol	7.939	79	440074	37.060	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.222	45	745500	36.509	ng		100
17) 2-Methylphenol	8.134	107	459781	37.374	ng		98
18) Hexachloroethane	8.745	117	223893	39.964	ng		100
19) n-Nitroso-di-n-propyla...	8.504	70	363013	32.910	ng		98
20) 3+4-Methylphenols	8.463	107	615437	37.070	ng		99
22) Acetophenone	8.516	105	755336	38.765	ng	#	97
24) Nitrobenzene	8.892	77	601681	39.537	ng		99
25) Isophorone	9.410	82	1013611	38.160	ng		99
26) 2-Nitrophenol	9.592	139	269163	40.989	ng		97
27) 2,4-Dimethylphenol	9.651	122	440000	38.101	ng		99
28) bis(2-Chloroethoxy)met...	9.898	93	659580	37.394	ng		100
29) 2,4-Dichlorophenol	10.116	162	437709	39.769	ng		99
30) 1,2,4-Trichlorobenzene	10.328	180	458712	39.176	ng		99
31) Naphthalene	10.516	128	1559426	38.312	ng		100
32) Benzoic acid	9.792	122	258472	29.550	ng		97
33) 4-Chloroaniline	10.639	127	644668	37.753	ng		100
34) Hexachlorobutadiene	10.780	225	268606	41.144	ng		99
35) Caprolactam	11.445	113	129467	36.466	ng		97
36) 4-Chloro-3-methylphenol	11.763	107	448389	37.126	ng		98
37) 2-Methylnaphthalene	12.133	142	1030928	37.317	ng		98
38) 1-Methylnaphthalene	12.357	142	960619	37.309	ng		97
40) 1,2,4,5-Tetrachloroben...	12.504	216	452297	40.920	ng		100
41) Hexachlorocyclopentadiene	12.469	237	259183	41.160	ng		100
43) 2,4,6-Trichlorophenol	12.751	196	305748	40.965	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.821	196	355691	40.220	ng	98
46) 1,1'-Biphenyl	13.163	154	1199273	39.367	ng	99
47) 2-Chloronaphthalene	13.198	162	894748	39.719	ng	98
48) 2-Nitroaniline	13.421	65	305481	39.966	ng	99
49) Acenaphthylene	14.051	152	1450529	39.527	ng	99
50) Dimethylphthalate	13.804	163	1095726	37.610	ng	99
51) 2,6-Dinitrotoluene	13.927	165	234596	38.668	ng	100
52) Acenaphthene	14.398	154	865781	39.028	ng	99
53) 3-Nitroaniline	14.257	138	273804	38.541	ng	100
54) 2,4-Dinitrophenol	14.463	184	119176	32.841	ng	96
55) Dibenzofuran	14.733	168	1351398	38.384	ng	99
56) 4-Nitrophenol	14.568	139	201572	34.548	ng	96
57) 2,4-Dinitrotoluene	14.715	165	312400	39.408	ng	95
58) Fluorene	15.386	166	1065227	38.852	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.963	232	262483	38.228	ng	99
60) Diethylphthalate	15.174	149	1105683	37.490	ng	99
61) 4-Chlorophenyl-phenyle...	15.386	204	510746	38.804	ng	99
62) 4-Nitroaniline	15.427	138	270459	38.112	ng	96
63) Azobenzene	15.680	77	1170451	38.393	ng	98
65) 4,6-Dinitro-2-methylph...	15.474	198	164829	37.036	ng	94
66) n-Nitrosodiphenylamine	15.604	169	891910	40.327	ng	98
67) 4-Bromophenyl-phenylether	16.286	248	295141	40.208	ng	100
68) Hexachlorobenzene	16.380	284	317304	40.665	ng	99
69) Atrazine	16.568	200	271912	39.343	ng	99
70) Pentachlorophenol	16.733	266	226652	40.382	ng	99
71) Phenanthrene	17.127	178	1536738	39.185	ng	99
72) Anthracene	17.221	178	1566999	39.839	ng	100
73) Carbazole	17.498	167	1447784	39.082	ng	100
74) Di-n-butylphthalate	18.068	149	1878778	39.359	ng	99
75) Fluoranthene	19.150	202	1671355	38.125	ng	98
77) Benzidine	19.356	184	559652	35.137	ng	99
78) Pyrene	19.515	202	1765236	39.082	ng	99
80) Butylbenzylphthalate	20.439	149	813951	39.985	ng	97
81) Benzo(a)anthracene	21.268	228	1672502	39.004	ng	100
82) 3,3'-Dichlorobenzidine	21.209	252	601188	40.708	ng	99
83) Chrysene	21.321	228	1569819	38.312	ng	99
84) Bis(2-ethylhexyl)phtha...	21.215	149	1252151	40.830	ng	98
85) Di-n-octyl phthalate	22.103	149	2081774	39.135	ng	99
87) Indeno(1,2,3-cd)pyrene	25.785	276	1938089	38.617	ng	99
88) Benzo(b)fluoranthene	22.856	252	1586072	38.875	ng	98
89) Benzo(k)fluoranthene	22.897	252	1646791	39.263	ng	100
90) Benzo(a)pyrene	23.427	252	1579663	39.696	ng	99
91) Dibenzo(a,h)anthracene	25.803	278	1636005	38.667	ng	99
92) Benzo(g,h,i)perylene	26.479	276	1600947	38.438	ng	99

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

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