Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051123\
Data File : BM039909.D
Acq On : 11 May 2023 21:49
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM051123

Quant Time: May 12 02:45:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM051123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 12 02:40:29 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.036	152	488815	20.000	ng		0.00
21) Naphthalene-d8	10.854	136	1912388	20.000	ng		0.00
39) Acenaphthene-d10	14.671	164	985021	20.000	ng		0.00
64) Phenanthrene-d10	17.412	188	1779587	20.000	ng		0.00
76) Chrysene-d12	21.588	240	1591919	20.000	ng		0.00
86) Perylene-d12	24.047	264	1594257	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.578	112	2484515	80.946	ng		0.00
7) Phenol-d6	7.189	99	3096053	77.396	ng		0.00
23) Nitrobenzene-d5	9.207	82	2831362	87.194	ng		0.00
42) 2,4,6-Tribromophenol	16.154	330	1206302	75.239	ng		0.00
45) 2-Fluorobiphenyl	13.307	172	7129677	87.243	ng		0.00
79) Terphenyl-d14	20.030	244	9157846	86.504	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.437	88	483205	40.449	ng		97
3) Pyridine	3.843	79	1366781	41.953	ng		96
4) n-Nitrosodimethylamine	3.754	42	473839	37.389	ng		93
6) Aniline	7.360	93	1873803	37.277	ng		98
8) 2-Chlorophenol	7.595	128	1329430	39.482	ng		99
9) Benzaldehyde	7.166	77	723333	36.880	ng		94
10) Phenol	7.213	94	1513752	37.367	ng		100
11) bis(2-Chloroethyl)ether	7.460	93	1243504	36.409	ng		97
12) 1,3-Dichlorobenzene	7.925	146	1381517	39.142	ng		99
13) 1,4-Dichlorobenzene	8.072	146	1413488	39.175	ng		100
14) 1,2-Dichlorobenzene	8.395	146	1391743	38.690	ng		99
15) Benzyl Alcohol	8.278	79	1009667	38.387	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.578	45	1357459	34.815	ng		98
17) 2-Methylphenol	8.478	107	1129097	37.031	ng		99
18) Hexachloroethane	9.130	117	504242	39.882	ng		98
19) n-Nitroso-di-n-propyla...	8.854	70	971804	37.529	ng		97
20) 3+4-Methylphenols	8.807	107	1469191	36.791	ng		98
22) Acetophenone	8.866	105	2011514	39.425	ng	#	98
24) Nitrobenzene	9.248	77	1389369	42.610	ng		98
25) Isophorone	9.777	82	2570656	37.446	ng		99
26) 2-Nitrophenol	9.960	139	491748	46.097	ng		98
27) 2,4-Dimethylphenol	10.019	122	1144783	40.407	ng		99
28) bis(2-Chloroethoxy)met...	10.266	93	1576561	39.036	ng		100
29) 2,4-Dichlorophenol	10.495	162	1099049	41.149	ng		99
30) 1,2,4-Trichlorobenzene	10.713	180	1219112	40.729	ng		98
31) Naphthalene	10.907	128	4120037	39.286	ng		100
32) Benzoic acid	10.142	122	460086	52.151	ng		98
33) 4-Chloroaniline	11.013	127	1750532	38.846	ng		99
34) Hexachlorobutadiene	11.195	225	703635	41.144	ng		99
35) Caprolactam	11.783	113	288844	41.320	ng		97
36) 4-Chloro-3-methylphenol	12.124	107	1074974	37.589	ng		99
37) 2-Methylnaphthalene	12.507	142	2830347	37.771	ng		100
38) 1-Methylnaphthalene	12.724	142	2628823	37.316	ng		100
40) 1,2,4,5-Tetrachloroben...	12.871	216	1305256	43.270	ng		100
41) Hexachlorocyclopentadiene	12.860	237	556526	45.180	ng		98
43) 2,4,6-Trichlorophenol	13.107	196	792560	44.884	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.171	196	910401	44.251	ng		99
46) 1,1'-Biphenyl	13.513	154	3480546	42.035	ng		99
47) 2-Chloronaphthalene	13.554	162	2598426	42.337	ng		99
48) 2-Nitroaniline	13.748	65	512147	43.732	ng		97
49) Acenaphthylene	14.395	152	4069794	40.810	ng		100
50) Dimethylphthalate	14.130	163	2979361	40.704	ng		100
51) 2,6-Dinitrotoluene	14.242	165	559938	40.180	ng		99
52) Acenaphthene	14.736	154	2573018	40.537	ng		99
53) 3-Nitroaniline	14.571	138	637761	40.062	ng		97
54) 2,4-Dinitrophenol	14.771	184	159349	41.116	ng		98
55) Dibenzofuran	15.071	168	3803197	40.145	ng		100
56) 4-Nitrophenol	14.860	139	511448	43.055	ng		98
57) 2,4-Dinitrotoluene	15.024	165	693124	39.527	ng		99
58) Fluorene	15.718	166	3356216	39.466	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.289	232	687465	41.759	ng		100
60) Diethylphthalate	15.495	149	3021836	41.765	ng		99
61) 4-Chlorophenyl-phenyle...	15.712	204	1650744	39.326	ng		99
62) 4-Nitroaniline	15.730	138	706575	40.790	ng		99
63) Azobenzene	16.006	77	2909135	37.885	ng		98
65) 4,6-Dinitro-2-methylph...	15.783	198	241583	42.808	ng		93
66) n-Nitrosodiphenylamine	15.924	169	2585688	41.559	ng		100
67) 4-Bromophenyl-phenylether	16.606	248	859801	41.118	ng		100
68) Hexachlorobenzene	16.718	284	988650	41.040	ng		99
69) Atrazine	16.871	200	640012	40.794	ng		99
70) Pentachlorophenol	17.059	266	617479	38.904	ng		99
71) Phenanthrene	17.453	178	4309266	40.268	ng		100
72) Anthracene	17.548	178	4465624	40.788	ng		99
73) Carbazole	17.812	167	3882034	40.850	ng		100
74) Di-n-butylphthalate	18.389	149	4571827	40.512	ng		99
75) Fluoranthene	19.465	202	4361421	40.649	ng		100
77) Benzidine	19.647	184	823528	48.880	ng		99
78) Pyrene	19.824	202	4628671	37.716	ng		99
80) Butylbenzylphthalate	20.730	149	1049337	66.018	ng		89
81) Benzo(a)anthracene	21.571	228	4601734	40.782	ng		100
82) 3,3'-Dichlorobenzidine	21.506	252	1148665	45.070	ng		100
83) Chrysene	21.624	228	4367186	41.122	ng		100
84) Bis(2-ethylhexyl)phtha...	21.512	149	2343806	49.639	ng		98
85) Di-n-octyl phthalate	22.471	149	3392774	51.867	ng	#	92
87) Indeno(1,2,3-cd)pyrene	26.629	276	5200112	45.098	ng		99
88) Benzo(b)fluoranthene	23.300	252	4041566	38.873	ng		100
89) Benzo(k)fluoranthene	23.353	252	4465655	39.628	ng		99
90) Benzo(a)pyrene	23.941	252	3951834	40.897	ng		99
91) Dibenzo(a,h)anthracene	26.647	278	4534481	47.778	ng		99
92) Benzo(g,h,i)perylene	27.418	276	4100022	47.287	ng		99

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

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