Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081324\
Data File : BM047167.D
Acq On : 13 Aug 2024 08:45
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: Aug 13 10:51:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 11 23:47:58 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.369	152	212963	20.000	ng	0.00
21) Naphthalene-d8	10.128	136	960183	20.000	ng	0.00
39) Acenaphthene-d10	14.027	164	670516	20.000	ng	0.00
64) Phenanthrene-d10	16.792	188	1484983	20.000	ng	0.00
76) Chrysene-d12	21.027	240	1364118	20.000	ng	0.00
86) Perylene-d12	23.721	264	1665677	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.022	112	921781	77.341	ng	0.00
7) Phenol-d6	6.581	99	1296641	78.955	ng	0.00
23) Nitrobenzene-d5	8.522	82	1481906	77.713	ng	0.00
42) 2,4,6-Tribromophenol	15.539	330	623361	80.178	ng	0.00
45) 2-Fluorobiphenyl	12.639	172	3228160	74.264	ng	0.00
79) Terphenyl-d14	19.456	244	5026498	78.957	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.034	88	197559	40.006	ng	99
3) Pyridine	3.405	79	503236	34.752	ng	99
4) n-Nitrosodimethylamine	3.328	42	261597	41.349	ng	99
6) Aniline	6.722	93	656682	42.306	ng	99
8) 2-Chlorophenol	6.945	128	530208	40.788	ng	99
9) Benzaldehyde	6.534	77	319410	35.402	ng	98
10) Phenol	6.604	94	631411	38.532	ng	95
11) bis(2-Chloroethyl)ether	6.822	93	583578	41.585	ng	97
12) 1,3-Dichlorobenzene	7.257	146	609225	39.440	ng	98
13) 1,4-Dichlorobenzene	7.404	146	618489	39.546	ng	98
14) 1,2-Dichlorobenzene	7.716	146	577006	39.101	ng	99
15) Benzyl Alcohol	7.622	79	487720	41.728	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.910	45	780112	43.322	ng	99
17) 2-Methylphenol	7.828	107	460238	42.099	ng	98
18) Hexachloroethane	8.422	117	256759	42.382	ng	92
19) n-Nitroso-di-n-propyla...	8.181	70	454960	41.128	ng	98
20) 3+4-Methylphenols	8.157	107	652420	42.687	ng	98
22) Acetophenone	8.192	105	847182	36.552	ng	98
24) Nitrobenzene	8.563	77	773587	40.288	ng	100
25) Isophorone	9.087	82	1310738	39.478	ng	99
26) 2-Nitrophenol	9.263	139	333803	39.254	ng	99
27) 2,4-Dimethylphenol	9.339	122	394729	39.627	ng	99
28) bis(2-Chloroethoxy)met...	9.575	93	847573	40.570	ng	99
29) 2,4-Dichlorophenol	9.792	162	581792	39.364	ng	98
30) 1,2,4-Trichlorobenzene	9.998	180	636923	38.080	ng	98
31) Naphthalene	10.175	128	1838333	38.432	ng	100
32) Benzoic acid	9.516	122	482964	41.733	ng	99
33) 4-Chloroaniline	10.304	127	765158	41.597	ng	99
34) Hexachlorobutadiene	10.463	225	357368	36.504	ng	99
35) Caprolactam	11.110	113	211258	41.159	ng	95
36) 4-Chloro-3-methylphenol	11.451	107	656656	41.718	ng	99
37) 2-Methylnaphthalene	11.804	142	1344596	39.481	ng	99
38) 1-Methylnaphthalene	12.028	142	1324801	39.360	ng	99
40) 1,2,4,5-Tetrachloroben...	12.186	216	658042	35.981	ng	99
41) Hexachlorocyclopentadiene	12.163	237	238632	37.367	ng	96
43) 2,4,6-Trichlorophenol	12.445	196	485188	37.325	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.516	196	544029	37.694	ng	96
46) 1,1'-Biphenyl	12.851	154	1792029	37.541	ng	99
47) 2-Chloronaphthalene	12.886	162	1387550	37.190	ng	99
48) 2-Nitroaniline	13.110	65	500220	42.796	ng	94
49) Acenaphthylene	13.745	152	2127273	38.680	ng	99
50) Dimethylphthalate	13.510	163	1838573	39.261	ng	100
51) 2,6-Dinitrotoluene	13.627	165	437891	40.001	ng	100
52) Acenaphthene	14.092	154	1357337	38.908	ng	99
53) 3-Nitroaniline	13.957	138	456016	41.572	ng	99
54) 2,4-Dinitrophenol	14.169	184	259117	39.493	ng	95
55) Dibenzofuran	14.433	168	2120042	38.474	ng	98
56) 4-Nitrophenol	14.292	139	397160	41.988	ng	92
57) 2,4-Dinitrotoluene	14.421	165	602972	41.267	ng	94
58) Fluorene	15.092	166	1824373	40.126	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.674	232	464947	39.197	ng	97
60) Diethylphthalate	14.892	149	1946496	40.704	ng	99
61) 4-Chlorophenyl-phenyle...	15.098	204	835634	38.605	ng	99
62) 4-Nitroaniline	15.133	138	454728	42.078	ng	97
63) Azobenzene	15.392	77	1906835	42.054	ng	99
65) 4,6-Dinitro-2-methylph...	15.192	198	349994	40.255	ng	94
66) n-Nitrosodiphenylamine	15.316	169	1550846	38.342	ng	100
67) 4-Bromophenyl-phenylether	15.992	248	529484	37.002	ng	96
68) Hexachlorobenzene	16.098	284	648619	37.847	ng	100
69) Atrazine	16.286	200	459262	37.733	ng	99
70) Pentachlorophenol	16.451	266	469250	39.061	ng	98
71) Phenanthrene	16.833	178	2926921	39.274	ng	100
72) Anthracene	16.921	178	2864326	39.500	ng	100
73) Carbazole	17.204	167	2947441	39.809	ng	100
74) Di-n-butylphthalate	17.792	149	3502202	40.652	ng	99
75) Fluoranthene	18.868	202	3603564	39.754	ng	99
77) Benzidine	19.074	184	1631636	70.532	ng	100
78) Pyrene	19.233	202	3828549	39.307	ng	99
80) Butylbenzylphthalate	20.174	149	1641984	41.308	ng	99
81) Benzo(a)anthracene	21.009	228	3587124	39.611	ng	100
82) 3,3'-Dichlorobenzidine	20.950	252	1167523	41.206	ng	100
83) Chrysene	21.068	228	3347356	38.959	ng	100
84) Bis(2-ethylhexyl)phtha...	20.974	149	2309789	40.974	ng	99
85) Di-n-octyl phthalate	22.003	149	3963041	41.361	ng	99
87) Indeno(1,2,3-cd)pyrene	26.721	276	4329750	40.215	ng	100
88) Benzo(b)fluoranthene	22.880	252	3927986	39.710	ng	99
89) Benzo(k)fluoranthene	22.939	252	3689671	39.490	ng	99
90) Benzo(a)pyrene	23.597	252	3440948	40.156	ng	99
91) Dibenzo(a,h)anthracene	26.762	278	3499807	40.167	ng	100
92) Benzo(g,h,i)perylene	27.650	276	3649995	40.347	ng	99

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

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