

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102523\
 Data File : BM042433.D
 Acq On : 25 Oct 2023 12:06
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Quant Time: Oct 25 12:46:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 21 02:32:53 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.992	152	128621	20.000	ng	0.00
21) Naphthalene-d8	10.816	136	532051	20.000	ng	0.00
39) Acenaphthene-d10	14.639	164	325707	20.000	ng	0.00
64) Phenanthrene-d10	17.386	188	702236	20.000	ng	-0.01
76) Chrysene-d12	21.568	240	608949	20.000	ng	-0.01
86) Perylene-d12	24.033	264	651782	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	659330	72.449	ng	0.00
7) Phenol-d6	7.145	99	880281	72.178	ng	0.00
23) Nitrobenzene-d5	9.192	82	917837	76.283	ng	0.00
42) 2,4,6-Tribromophenol	16.133	330	336509	96.144	ng	0.00
45) 2-Fluorobiphenyl	13.263	172	1912379	79.066	ng	0.00
79) Terphenyl-d14	19.998	244	3134239	91.281	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.387	88	143164	33.408	ng	97
3) Pyridine	3.810	79	415669	33.061	ng	96
4) n-Nitrosodimethylamine	3.734	42	203345	32.033	ng	93
6) Aniline	7.334	93	566484	36.482	ng	97
8) 2-Chlorophenol	7.545	128	346583	38.380	ng	96
9) Benzaldehyde	7.151	77	242316	34.112	ng	98
10) Phenol	7.175	94	448019	35.551	ng	99
11) bis(2-Chloroethyl)ether	7.428	93	364711	35.250	ng	97
12) 1,3-Dichlorobenzene	7.875	146	368748	39.479	ng	96
13) 1,4-Dichlorobenzene	8.028	146	373434	39.718	ng	98
14) 1,2-Dichlorobenzene	8.340	146	361004	39.987	ng	98
15) Benzyl Alcohol	8.251	79	334836	37.036	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.522	45	578544	35.339	ng	99
17) 2-Methylphenol	8.434	107	323447	38.895	ng	98
18) Hexachloroethane	9.057	117	145204	40.116	ng	# 90
19) n-Nitroso-di-n-propyla...	8.810	70	322003	38.955	ng	97
20) 3+4-Methylphenols	8.769	107	437651	39.237	ng	96
22) Acetophenone	8.845	105	559985	38.579	ng	# 96
24) Nitrobenzene	9.234	77	454965	37.796	ng	98
25) Isophorone	9.745	82	856924	41.908	ng	97
26) 2-Nitrophenol	9.939	139	196636	42.757	ng	93
27) 2,4-Dimethylphenol	9.975	122	348233	41.986	ng	99
28) bis(2-Chloroethoxy)met...	10.234	93	501727	38.729	ng	99
29) 2,4-Dichlorophenol	10.457	162	329337	45.660	ng	96
30) 1,2,4-Trichlorobenzene	10.663	180	343533	44.428	ng	98
31) Naphthalene	10.869	128	1127807	41.269	ng	99
32) Benzoic acid	10.110	122	284234	46.981	ng	97
33) 4-Chloroaniline	10.998	127	491599	41.432	ng	99
34) Hexachlorobutadiene	11.092	225	209020	49.955	ng	98
35) Caprolactam	11.828	113	118194	42.111	ng	90
36) 4-Chloro-3-methylphenol	12.098	107	381118	43.786	ng	96
37) 2-Methylnaphthalene	12.469	142	800362	43.506	ng	98
38) 1-Methylnaphthalene	12.686	142	753473	43.720	ng	99
40) 1,2,4,5-Tetrachloroben...	12.816	216	399203	42.396	ng	98
41) Hexachlorocyclopentadiene	12.763	237	203653	42.184	ng	99
43) 2,4,6-Trichlorophenol	13.069	196	270061	44.305	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.139	196	315814	43.829	ng	95
46) 1,1'-Biphenyl	13.474	154	1008789	39.042	ng	98
47) 2-Chloronaphthalene	13.522	162	737986	38.930	ng	99
48) 2-Nitroaniline	13.757	65	283936	34.971	ng	91
49) Acenaphthylene	14.369	152	1245774	40.706	ng	100
50) Dimethylphthalate	14.104	163	1000738	41.888	ng	99
51) 2,6-Dinitrotoluene	14.245	165	215071	40.359	ng	86
52) Acenaphthene	14.704	154	741806	40.093	ng	98
53) 3-Nitroaniline	14.586	138	242799	38.642	ng	96
54) 2,4-Dinitrophenol	14.786	184	132606	43.802	ng	89
55) Dibenzofuran	15.039	168	1201659	41.062	ng	98
56) 4-Nitrophenol	14.868	139	193037	39.672	ng	93
57) 2,4-Dinitrotoluene	15.027	165	292587	41.184	ng	85
58) Fluorene	15.686	166	957419	41.460	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.251	232	264730	48.906	ng	90
60) Diethylphthalate	15.445	149	1009907	42.836	ng	98
61) 4-Chlorophenyl-phenyle...	15.674	204	494014	45.425	ng	94
62) 4-Nitroaniline	15.745	138	235910	39.193	ng	96
63) Azobenzene	15.968	77	1086915	38.426	ng	95
65) 4,6-Dinitro-2-methylph...	15.774	198	182870	41.685	ng	86
66) n-Nitrosodiphenylamine	15.898	169	848075	40.096	ng	97
67) 4-Bromophenyl-phenylether	16.574	248	298535	45.869	ng	94
68) Hexachlorobenzene	16.657	284	324665	46.668	ng	# 91
69) Atrazine	16.845	200	256556	47.831	ng	98
70) Pentachlorophenol	17.015	266	247894	45.475	ng	99
71) Phenanthrene	17.433	178	1528236	40.004	ng	99
72) Anthracene	17.521	178	1540179	40.708	ng	99
73) Carbazole	17.809	167	1418617	39.968	ng	99
74) Di-n-butylphthalate	18.327	149	1868567	41.952	ng	99
75) Fluoranthene	19.445	202	1839127	43.712	ng	97
77) Benzidine	19.651	184	433990	49.272	ng	99
78) Pyrene	19.809	202	1894036	44.510	ng	100
80) Butylbenzylphthalate	20.686	149	862310	44.928	ng	92
81) Benzo(a)anthracene	21.550	228	1675893	41.053	ng	100
82) 3,3'-Dichlorobenzidine	21.492	252	616905	50.622	ng	97
83) Chrysene	21.609	228	1572145	40.097	ng	99
84) Bis(2-ethylhexyl)phtha...	21.433	149	1257611	46.012	ng	# 96
85) Di-n-octyl phthalate	22.374	149	2094718	44.645	ng	95
87) Indeno(1,2,3-cd)pyrene	26.615	276	1756178	36.870	ng	94
88) Benzo(b)fluoranthene	23.274	252	1552688	39.577	ng	97
89) Benzo(k)fluoranthene	23.321	252	1531019	37.588	ng	98
90) Benzo(a)pyrene	23.921	252	1484286	39.307	ng	98
91) Dibenzo(a,h)anthracene	26.632	278	1469159	37.098	ng	97
92) Benzo(g,h,i)perylene	27.427	276	1441476	37.480	ng	# 93

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

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