Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082321\
Data File : BM031873.D
Acq On : 23 Aug 2021 16:01
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ICVBM082321

Quant Time: Aug 24 16:35:23 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 24 16:34:26 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.528	152	39774	20.000	ng	0.00
21) Naphthalene-d8	10.286	136	170093	20.000	ng	0.00
39) Acenaphthene-d10	14.169	164	109048	20.000	ng	0.00
64) Phenanthrene-d10	16.921	188	218134	20.000	ng	0.00
76) Chrysene-d12	21.127	240	170695	20.000	ng	0.00
86) Perylene-d12	23.274	264	152291	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.163	112	206779	76.480	ng	0.00
7) Phenol-d6	6.728	99	279664	77.011	ng	0.00
23) Nitrobenzene-d5	8.681	82	322316	77.163	ng	0.00
42) 2,4,6-Tribromophenol	15.674	330	94427	78.584	ng	0.00
45) 2-Fluorobiphenyl	12.780	172	655599	77.353	ng	0.00
79) Terphenyl-d14	19.574	244	919862	81.074	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.175	88	32298	36.783	ng	97
3) Pyridine	3.552	79	101474	38.343	ng	97
4) n-Nitrosodimethylamine	3.475	42	44124	38.200	ng	98
6) Aniline	6.875	93	148396	38.396	ng	97
8) 2-Chlorophenol	7.098	128	109230	37.678	ng	98
9) Benzaldehyde	6.693	77	87989	41.908	ng	98
10) Phenol	6.751	94	137458	37.888	ng	97
11) bis(2-Chloroethyl)ether	6.975	93	103048	37.546	ng	98
12) 1,3-Dichlorobenzene	7.416	146	118320	37.718	ng	98
13) 1,4-Dichlorobenzene	7.563	146	119114	37.388	ng	98
14) 1,2-Dichlorobenzene	7.869	146	115485	37.220	ng	99
15) Benzyl Alcohol	7.781	79	116256	38.953	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.063	45	157174	38.320	ng	98
17) 2-Methylphenol	7.975	107	94632	38.745	ng	98
18) Hexachloroethane	8.575	117	51314	37.826	ng	97
19) n-Nitroso-di-n-propyla...	8.340	70	106543	38.974	ng	96
20) 3+4-Methylphenols	8.304	107	132730	38.969	ng	99
22) Acetophenone	8.351	105	187696	37.843	ng	100
24) Nitrobenzene	8.722	77	165392	38.657	ng	98
25) Isophorone	9.245	82	284944	38.020	ng	98
26) 2-Nitrophenol	9.422	139	62763	38.868	ng	97
27) 2,4-Dimethylphenol	9.492	122	95327	38.351	ng	96
28) bis(2-Chloroethoxy)met...	9.728	93	135527	37.203	ng	99
29) 2,4-Dichlorophenol	9.951	162	107892	38.302	ng	98
30) 1,2,4-Trichlorobenzene	10.151	180	112927	37.757	ng	99
31) Naphthalene	10.339	128	368891	37.821	ng	99
32) Benzoic acid	9.675	122	84455	40.085	ng	91
33) 4-Chloroaniline	10.463	127	148235	38.277	ng	99
34) Hexachlorobutadiene	10.610	225	70970	37.966	ng	97
35) Caprolactam	11.286	113	34719	38.950	ng	97
36) 4-Chloro-3-methylphenol	11.598	107	129905	38.841	ng	99
37) 2-Methylnaphthalene	11.957	142	268323	38.161	ng	99
38) 1-Methylnaphthalene	12.180	142	252848	38.198	ng	100
40) 1,2,4,5-Tetrachloroben...	12.333	216	120098	38.322	ng	99
41) Hexachlorocyclopentadiene	12.298	237	59733	39.301	ng	96
43) 2,4,6-Trichlorophenol	12.586	196	90283	39.022	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.663	196	96801	39.222	ng	98
46) 1,1'-Biphenyl	12.992	154	333927	37.963	ng	99
47) 2-Chloronaphthalene	13.033	162	262415	38.417	ng	98
48) 2-Nitroaniline	13.257	65	96128	40.441	ng	97
49) Acenaphthylene	13.886	152	428031	38.628	ng	99
50) Dimethylphthalate	13.645	163	340058	38.389	ng	99
51) 2,6-Dinitrotoluene	13.769	165	75269	38.947	ng	96
52) Acenaphthene	14.233	154	259705	38.960	ng	100
53) 3-Nitroaniline	14.098	138	77273	40.844	ng	98
54) 2,4-Dinitrophenol	14.316	184	43835	40.617	ng	93
55) Dibenzofuran	14.574	168	423649	38.387	ng	100
56) 4-Nitrophenol	14.422	139	63675	40.868	ng	96
57) 2,4-Dinitrotoluene	14.563	165	107692	40.031	ng	97
58) Fluorene	15.227	166	352344	38.972	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.810	232	81614	38.626	ng	100
60) Diethylphthalate	15.021	149	374963	38.873	ng	99
61) 4-Chlorophenyl-phenyle...	15.227	204	167586	38.680	ng	100
62) 4-Nitroaniline	15.274	138	71977	39.995	ng	96
63) Azobenzene	15.521	77	438644	39.445	ng	99
65) 4,6-Dinitro-2-methylph...	15.333	198	61182	40.268	ng	99
66) n-Nitrosodiphenylamine	15.451	169	288738	39.202	ng	99
67) 4-Bromophenyl-phenylether	16.121	248	92600	39.084	ng	97
68) Hexachlorobenzene	16.227	284	97811	39.012	ng	96
69) Atrazine	16.415	200	98602	40.046	ng	99
70) Pentachlorophenol	16.580	266	64270	39.191	ng	97
71) Phenanthrene	16.968	178	511795	38.956	ng	99
72) Anthracene	17.057	178	499559	38.652	ng	99
73) Carbazole	17.339	167	481173	38.706	ng	98
74) Di-n-butylphthalate	17.910	149	639185	38.596	ng	100
75) Fluoranthene	18.992	202	548285	37.546	ng	99
77) Benzidine	19.198	184	195527	42.728	ng	97
78) Pyrene	19.356	202	557720	40.777	ng	99
80) Butylbenzylphthalate	20.280	149	259918	38.548	ng	97
81) Benzo(a)anthracene	21.115	228	477507	38.157	ng	100
82) 3,3'-Dichlorobenzidine	21.056	252	143736	38.801	ng	99
83) Chrysene	21.168	228	460732	38.255	ng	100
84) Bis(2-ethylhexyl)phtha...	21.062	149	404531	38.554	ng	100
85) Di-n-octyl phthalate	21.921	149	633545	37.739	ng	100
87) Indeno(1,2,3-cd)pyrene	25.403	276	457913	38.733	ng	99
88) Benzo(b)fluoranthene	22.639	252	435198	38.799	ng	99
89) Benzo(k)fluoranthene	22.686	252	414274	38.377	ng	99
90) Benzo(a)pyrene	23.186	252	386561	38.386	ng	100
91) Dibenzo(a,h)anthracene	25.415	278	399926	38.746	ng	99
92) Benzo(g,h,i)perylene	26.050	276	372992	38.825	ng	99

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

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