Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102523\
Data File : BM042438.D
Acq On : 25 Oct 2023 15:22
Operator : MA/JU
Sample : 04919-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LSS-B5-COMP-101723MSD

Quant Time: Oct 25 15:58:57 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	129136	20.000	ng		0.00
21) Naphthalene-d8	10.816	136	531386	20.000	ng		0.00
39) Acenaphthene-d10	14.639	164	315825	20.000	ng		0.00
64) Phenanthrene-d10	17.386	188	693619	20.000	ng		-0.01
76) Chrysene-d12	21.568	240	655761	20.000	ng		-0.01
86) Perylene-d12	24.027	264	709343	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	881110	96.432	ng		0.00
7) Phenol-d6	7.145	99	1160183	94.749	ng		0.00
23) Nitrobenzene-d5	9.192	82	769725	64.053	ng		0.00
42) 2,4,6-Tribromophenol	16.127	330	437067	125.644	ng		-0.01
45) 2-Fluorobiphenyl	13.257	172	1556590	66.370	ng		-0.01
79) Terphenyl-d14	19.997	244	2329823	63.010	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.387	88	151831	35.289	ng		96
3) Pyridine	3.804	79	392978	31.131	ng		97
4) n-Nitrosodimethylamine	3.734	42	222087	34.846	ng		89
6) Aniline	7.328	93	364476	23.379	ng		97
8) 2-Chlorophenol	7.545	128	416734	45.964	ng		95
9) Benzaldehyde	7.151	77	151676	21.267	ng		97
10) Phenol	7.175	94	547990	43.311	ng		99
11) bis(2-Chloroethyl)ether	7.428	93	417810	40.221	ng		96
12) 1,3-Dichlorobenzene	7.869	146	432579	46.128	ng		98
13) 1,4-Dichlorobenzene	8.028	146	444394	47.077	ng		98
14) 1,2-Dichlorobenzene	8.339	146	426022	47.000	ng		98
15) Benzyl Alcohol	8.251	79	397841	43.829	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.504	45	653359	39.750	ng		98
17) 2-Methylphenol	8.434	107	355991	42.637	ng		99
18) Hexachloroethane	9.057	117	169637	46.680	ng	#	90
19) n-Nitroso-di-n-propyla...	8.810	70	347895	41.919	ng		96
20) 3+4-Methylphenols	8.769	107	479373	42.806	ng		96
22) Acetophenone	8.839	105	631469	43.559	ng		97
24) Nitrobenzene	9.233	77	503649	41.893	ng		96
25) Isophorone	9.745	82	925976	45.342	ng		98
26) 2-Nitrophenol	9.933	139	221162	47.808	ng		94
27) 2,4-Dimethylphenol	9.975	122	361821	43.679	ng		97
28) bis(2-Chloroethoxy)met...	10.228	93	564913	43.661	ng		99
29) 2,4-Dichlorophenol	10.451	162	398313	55.292	ng		95
30) 1,2,4-Trichlorobenzene	10.663	180	405967	52.568	ng		98
31) Naphthalene	10.863	128	1263127	46.278	ng		99
32) Benzoic acid	10.104	122	269265	44.837	ng		97
33) 4-Chloroaniline	10.998	127	172593	14.564	ng		99
34) Hexachlorobutadiene	11.092	225	241884	57.881	ng		98
35) Caprolactam	11.833	113	138105	48.260	ng	#	85
36) 4-Chloro-3-methylphenol	12.098	107	441528	50.790	ng		98
37) 2-Methylnaphthalene	12.469	142	852828	46.416	ng		99
38) 1-Methylnaphthalene	12.686	142	830685	48.260	ng		99
40) 1,2,4,5-Tetrachloroben...	12.816	216	461634	50.560	ng		98
41) Hexachlorocyclopentadiene	12.763	237	404143	81.543	ng		98
43) 2,4,6-Trichlorophenol	13.069	196	316310	53.517	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.139	196	345076	49.389	ng		95
46) 1,1'-Biphenyl	13.474	154	1152327	45.993	ng		98
47) 2-Chloronaphthalene	13.521	162	866345	47.132	ng		99
48) 2-Nitroaniline	13.757	65	314416	39.420	ng		88
49) Acenaphthylene	14.368	152	1448287	48.804	ng		100
50) Dimethylphthalate	14.104	163	1098309	47.411	ng		99
51) 2,6-Dinitrotoluene	14.245	165	235637	45.227	ng		84
52) Acenaphthene	14.704	154	829760	46.249	ng		98
53) 3-Nitroaniline	14.580	138	149390	25.713	ng		99
54) 2,4-Dinitrophenol	14.786	184	211405	66.754	ng		90
55) Dibenzofuran	15.033	168	1337887	47.148	ng		98
56) 4-Nitrophenol	14.874	139	466207	98.812	ng		91
57) 2,4-Dinitrotoluene	15.027	165	323426	46.381	ng		84
58) Fluorene	15.686	166	1085341	48.470	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.251	232	310947	59.241	ng		89
60) Diethylphthalate	15.445	149	1104004	48.292	ng		97
61) 4-Chlorophenyl-phenyle...	15.674	204	546905	51.862	ng		93
62) 4-Nitroaniline	15.745	138	241127	41.108	ng		97
63) Azobenzene	15.968	77	1200572	43.773	ng		94
65) 4,6-Dinitro-2-methylph...	15.774	198	149532	35.557	ng		82
66) n-Nitrosodiphenylamine	15.898	169	937210	44.860	ng		99
67) 4-Bromophenyl-phenylether	16.568	248	304807	47.414	ng		95
68) Hexachlorobenzene	16.657	284	383700	55.839	ng	#	90
69) Atrazine	16.845	200	347687	65.627	ng		100
70) Pentachlorophenol	17.015	266	561908	96.610	ng		100
71) Phenanthrene	17.433	178	1725031	45.717	ng		100
72) Anthracene	17.521	178	1764489	47.217	ng		99
73) Carbazole	17.809	167	1645970	46.950	ng		99
74) Di-n-butylphthalate	18.327	149	2097850	47.300	ng		99
75) Fluoranthene	19.445	202	2104533	50.642	ng		97
77) Benzidine	19.650	184	1142639	120.467	ng		98
78) Pyrene	19.809	202	2184705	47.676	ng		99
80) Butylbenzylphthalate	20.686	149	1000162	48.140	ng		91
81) Benzo(a)anthracene	21.550	228	2094548	47.646	ng		99
82) 3,3'-Dichlorobenzidine	21.491	252	556840	42.432	ng		99
83) Chrysene	21.609	228	1874258	44.390	ng		100
84) Bis(2-ethylhexyl)phtha...	21.433	149	1480425	49.984	ng	#	95
85) Di-n-octyl phthalate	22.374	149	2557853	50.059	ng		95
87) Indeno(1,2,3-cd)pyrene	26.615	276	2232752	43.071	ng		94
88) Benzo(b)fluoranthene	23.268	252	1999150	46.822	ng		97
89) Benzo(k)fluoranthene	23.321	252	1921383	43.344	ng	#	97
90) Benzo(a)pyrene	23.921	252	1741112	42.367	ng		97
91) Dibenzo(a,h)anthracene	26.632	278	1859603	43.146	ng		96
92) Benzo(g,h,i)perylene	27.426	276	1779539	42.515	ng	#	93

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

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