Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032123\
Data File : BM039076.D
Acq On : 21 Mar 2023 19:36
Operator : CG/JU
Sample : 02001-07MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
IRV-3MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/22/2023
Supervised By :Jagrut Upadhyay 03/22/2023

Quant Time: Mar 22 03:43:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 22 03:36:20 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	391880	20.000	ng	0.00
21) Naphthalene-d8	10.780	136	1582547	20.000	ng	0.00
39) Acenaphthene-d10	14.610	164	852624	20.000	ng	0.00
64) Phenanthrene-d10	17.351	188	1510148	20.000	ng	0.00
76) Chrysene-d12	21.533	240	1138890	20.000	ng	0.00
86) Perylene-d12	23.962	264	1412112	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	3168933	122.857	ng	0.00
7) Phenol-d6	7.134	99	4014258	119.817	ng	0.00
23) Nitrobenzene-d5	9.139	82	2432579	75.505	ng	0.00
42) 2,4,6-Tribromophenol	16.098	330	1106126	112.143	ng	0.00
45) 2-Fluorobiphenyl	13.239	172	4593405	70.133	ng	0.00
79) Terphenyl-d14	19.968	244	4674527	75.043	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.393	88	437302	38.109	ng	99
3) Pyridine	3.799	79	1115906	35.064	ng	99
4) n-Nitrosodimethylamine	3.704	42	542888	41.921	ng	96
6) Aniline	7.292	93	1715573	38.999	ng	100
8) 2-Chlorophenol	7.528	128	1356184	49.387	ng	99
9) Benzaldehyde	7.104	77	957408	60.052	ng	97
10) Phenol	7.163	94	1745995	49.074	ng	97
11) bis(2-Chloroethyl)ether	7.392	93	1372340	47.442	ng	98
12) 1,3-Dichlorobenzene	7.857	146	1418008	48.590	ng	99
13) 1,4-Dichlorobenzene	8.004	146	1451923	48.919	ng	99
14) 1,2-Dichlorobenzene	8.322	146	1390911	48.651	ng	100
15) Benzyl Alcohol	8.210	79	1164718m	48.502	ng	
16) 2,2'-oxybis(1-Chloropr...	8.504	45	1795421	49.146	ng	100
17) 2-Methylphenol	8.416	107	1116939	45.700	ng	99
18) Hexachloroethane	9.057	117	555629	50.740	ng	96
19) n-Nitroso-di-n-propyla...	8.786	70	1024583	48.552	ng	99
20) 3+4-Methylphenols	8.745	107	1499882	45.961	ng	98
22) Acetophenone	8.798	105	2029233	45.703	ng	99
24) Nitrobenzene	9.181	77	1489364	43.983	ng	98
25) Isophorone	9.710	82	2746924	46.333	ng	100
26) 2-Nitrophenol	9.892	139	703708	47.123	ng	96
27) 2,4-Dimethylphenol	9.951	122	1244456	48.174	ng	99
28) bis(2-Chloroethoxy)met...	10.192	93	1777839	46.670	ng	100
29) 2,4-Dichlorophenol	10.428	162	1175290	47.988	ng	99
30) 1,2,4-Trichlorobenzene	10.645	180	1245763	46.547	ng	100
31) Naphthalene	10.833	128	4003652	44.367	ng	100
32) Benzoic acid	10.098	122	891048	47.130	ng	99
33) 4-Chloroaniline	10.945	127	783781	20.381	ng	100
34) Hexachlorobutadiene	11.116	225	717812	46.770	ng	99
35) Caprolactam	11.739	113	335830	45.053	ng	98
36) 4-Chloro-3-methylphenol	12.063	107	1201987	46.089	ng	99
37) 2-Methylnaphthalene	12.439	142	2640969	43.665	ng	99
38) 1-Methylnaphthalene	12.657	142	2450271	43.229	ng	100
40) 1,2,4,5-Tetrachloroben...	12.804	216	1313689	47.394	ng	99
41) Hexachlorocyclopentadiene	12.786	237	1457226	95.777	ng	99
43) 2,4,6-Trichlorophenol	13.045	196	867881	48.352	ng	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	13.116	196	916127	43.605	ng	97
46)	1,1'-Biphenyl	13.445	154	3403542	47.119	ng	100
47)	2-Chloronaphthalene	13.486	162	2545014	46.725	ng	100
48)	2-Nitroaniline	13.692	65	746793	43.062	ng	96
49)	Acenaphthylene	14.333	152	4142623	47.748	ng	99
50)	Dimethylphthalate	14.068	163	2919404	44.497	ng	99
51)	2,6-Dinitrotoluene	14.186	165	636595	43.997	ng	99
52)	Acenaphthene	14.674	154	2384375	44.719	ng	100
53)	3-Nitroaniline	14.516	138	499501	30.063	ng	96
54)	2,4-Dinitrophenol	14.721	184	786353	93.363	ng	91
55)	Dibenzofuran	15.010	168	3616274	43.341	ng	100
56)	4-Nitrophenol	14.821	139	1151211	88.350	ng	98
57)	2,4-Dinitrotoluene	14.968	165	820465	43.185	ng	99
58)	Fluorene	15.657	166	2865196	43.838	ng	100
59)	2,3,4,6-Tetrachlorophenol	15.233	232	740238	45.685	ng	99
60)	Diethylphthalate	15.427	149	2929816	45.895	ng	99
61)	4-Chlorophenyl-phenyle...	15.651	204	1424084	44.352	ng	99
62)	4-Nitroaniline	15.680	138	655857	38.353	ng	97
63)	Azobenzene	15.939	77	3297746	48.821	ng	99
65)	4,6-Dinitro-2-methylph...	15.733	198	460657	46.585	ng	95
66)	n-Nitrosodiphenylamine	15.863	169	2412751	47.392	ng	100
67)	4-Bromophenyl-phenylether	16.545	248	811924	49.777	ng	99
68)	Hexachlorobenzene	16.657	284	888717	48.739	ng	100
69)	Atrazine	16.815	200	740016	53.216	ng	99
70)	Pentachlorophenol	17.004	266	1121912	83.654	ng	100
71)	Phenanthrene	17.398	178	4449777	50.205	ng	100
72)	Anthracene	17.486	178	4224056	47.790	ng	100
73)	Carbazole	17.756	167	3609178	44.741	ng	100
74)	Di-n-butylphthalate	18.321	149	4756904	48.334	ng	99
75)	Fluoranthene	19.409	202	5754018	61.487	ng	99
77)	Benzidine	19.592	184	1569843	59.204	ng	99
78)	Pyrene	19.774	202	5899877	68.972	ng	99
80)	Butylbenzylphthalate	20.668	149	1873927	51.278	ng	98
81)	Benzo(a)anthracene	21.515	228	5027400	61.297	ng	98
82)	3,3'-Dichlorobenzidine	21.450	252	1218738	48.349	ng	99
83)	Chrysene	21.574	228	4558068	57.141	ng	100
84)	Bis(2-ethylhexyl)phtha...	21.439	149	2817674	53.290	ng	99
85)	Di-n-octyl phthalate	22.380	149	4800897	54.457	ng	99
87)	Indeno(1,2,3-cd)pyrene	26.503	276	6069049	56.482	ng	99
88)	Benzo(b)fluoranthene	23.227	252	5533014	61.331	ng	99
89)	Benzo(k)fluoranthene	23.274	252	4700461	50.065	ng	99
90)	Benzo(a)pyrene	23.862	252	4995357	57.534	ng	100
91)	Dibenzo(a,h)anthracene	26.521	278	4535961	49.847	ng	99
92)	Benzo(g,h,i)perylene	27.285	276	5081613	57.078	ng	99

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

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