Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051324\
Data File : BM045717.D
Acq On : 13 May 2024 17:18
Operator : MA/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/14/2024
Supervised By :mohammad ahmed 05/17/2024

Quant Time: May 14 02:23:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM051324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 14 02:21:04 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.586	152	92157	20.000	ng	0.00
21) Naphthalene-d8	10.357	136	349819	20.000	ng	0.00
39) Acenaphthene-d10	14.215	164	200889	20.000	ng	0.00
64) Phenanthrene-d10	16.962	188	477287	20.000	ng	0.00
76) Chrysene-d12	21.180	240	318758	20.000	ng	0.00
86) Perylene-d12	23.985	264	387307	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	58205	10.839	ng	0.00
7) Phenol-d6	6.875	99	63851	9.751	ng	0.00
23) Nitrobenzene-d5	8.763	82	83078	10.907	ng	0.01
42) 2,4,6-Tribromophenol	15.721	330	22132	8.069	ng	0.00
45) 2-Fluorobiphenyl	12.845	172	146246	10.034	ng	0.00
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						Qvalue
2) 1,4-Dioxane	3.222	88	7955m	5.434	ng	
3) Pyridine	3.704	79	33407m	5.799	ng	
4) n-Nitrosodimethylamine	3.540	42	16820m	5.542	ng	
6) Aniline	6.987	93	30782	5.700	ng	96
8) 2-Chlorophenol	7.198	128	25528	5.149	ng	97
10) Phenol	6.904	94	31691	5.192	ng	93
11) bis(2-Chloroethyl)ether	7.057	93	31136	5.728	ng	93
12) 1,3-Dichlorobenzene	7.475	146	35491	5.282	ng	96
13) 1,4-Dichlorobenzene	7.622	146	35630	5.154	ng	98
14) 1,2-Dichlorobenzene	7.939	146	32529	5.273	ng	98
15) Benzyl Alcohol	7.916	79	28046	4.642	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.151	45	29781	5.557	ng	90
17) 2-Methylphenol	8.116	107	21092	4.835	ng	98
18) Hexachloroethane	8.657	117	14493	4.872	ng	98
19) n-Nitroso-di-n-propyla...	8.457	70	22498	4.574	ng	99
20) 3+4-Methylphenols	8.451	107	28500	4.624	ng	95
22) Acetophenone	8.457	105	43113	5.470	ng	97
24) Nitrobenzene	8.798	77	43285	5.873	ng	98
25) Isophorone	9.386	82	57665	5.237	ng	98
26) 2-Nitrophenol	9.504	139	12278	4.906	ng	93
27) 2,4-Dimethylphenol	9.622	122	16455	5.234	ng	96
28) bis(2-Chloroethoxy)met...	9.833	93	33734	5.294	ng	98
29) 2,4-Dichlorophenol	10.057	162	22288	4.818	ng	93
30) 1,2,4-Trichlorobenzene	10.222	180	28757	5.137	ng	96
31) Naphthalene	10.410	128	85819	4.958	ng	99
33) 4-Chloroaniline	10.592	127	30263	4.871	ng	98
34) Hexachlorobutadiene	10.692	225	18126	5.080	ng	95
36) 4-Chloro-3-methylphenol	11.745	107	24104	4.244	ng	98
37) 2-Methylnaphthalene	12.027	142	59474	4.699	ng	96
38) 1-Methylnaphthalene	12.245	142	58406	4.686	ng	98
40) 1,2,4,5-Tetrachloroben...	12.386	216	28543	5.353	ng	99
41) Hexachlorocyclopentadiene	12.380	237	12382	5.296	ng	97
43) 2,4,6-Trichlorophenol	12.674	196	16634	4.756	ng	98
44) 2,4,5-Trichlorophenol	12.769	196	19139	4.874	ng	93
46) 1,1'-Biphenyl	13.057	154	76867	5.327	ng	97
47) 2-Chloronaphthalene	13.086	162	59844	5.362	ng	100

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
48)	2-Nitroaniline	13.345	65	17500	4.776	ng		93
49)	Acenaphthylene	13.945	152	84157	4.851	ng		95
50)	Dimethylphthalate	13.733	163	76468	5.223	ng		99
51)	2,6-Dinitrotoluene	13.827	165	15473	4.887	ng	#	85
52)	Acenaphthene	14.280	154	52118	4.844	ng		96
53)	3-Nitroaniline	14.186	138	13881	4.460	ng	#	98
55)	Dibenzofuran	14.621	168	83011	4.651	ng		92
56)	4-Nitrophenol	14.568	139	10256	3.829	ng		86
57)	2,4-Dinitrotoluene	14.615	165	19013	3.963	ng	#	64
58)	Fluorene	15.268	166	73045	4.554	ng		100
59)	2,3,4,6-Tetrachlorophenol	14.874	232	16074	4.459	ng		93
60)	Diethylphthalate	15.092	149	78900	4.740	ng		98
61)	4-Chlorophenyl-phenyle...	15.274	204	34537	4.440	ng		92
62)	4-Nitroaniline	15.362	138	14128	4.167	ng	#	81
63)	Azobenzene	15.568	77	81710	5.004	ng		96
66)	n-Nitrosodiphenylamine	15.498	169	55759	4.502	ng		97
67)	4-Bromophenyl-phenylether	16.168	248	22604	4.782	ng		95
68)	Hexachlorobenzene	16.262	284	27777	4.888	ng		92
69)	Atrazine	16.486	200	19459	4.987	ng		97
70)	Pentachlorophenol	16.639	266	14873	4.132	ng		97
71)	Phenanthrene	17.004	178	108473	4.507	ng		99
72)	Anthracene	17.092	178	102969	4.441	ng		100
73)	Carbazole	17.392	167	95689	4.256	ng		97
74)	Di-n-butylphthalate	17.962	149	122437	4.189	ng		98
75)	Fluoranthene	19.021	202	129915	4.436	ng		99
77)	Benzidine	19.245	184	26201	3.770	ng		95
78)	Pyrene	19.386	202	126541	3.892	ng		98
80)	Butylbenzylphthalate	20.315	149	44916	4.992	ng		98
81)	Benzo(a)anthracene	21.162	228	101696	4.662	ng		98
82)	3,3'-Dichlorobenzidine	21.109	252	35999	4.429	ng		98
83)	Chrysene	21.215	228	93033	4.651	ng		97
84)	Bis(2-ethylhexyl)phtha...	21.109	149	63270	6.340	ng		95
85)	Di-n-octyl phthalate	22.180	149	107765	4.901	ng	#	99
87)	Indeno(1,2,3-cd)pyrene	27.085	276	119363	4.898	ng	#	100
88)	Benzo(b)fluoranthene	23.103	252	107389	4.290	ng		99
89)	Benzo(k)fluoranthene	23.162	252	98698	4.304	ng		99
90)	Benzo(a)pyrene	23.844	252	93896	4.324	ng		95
91)	Dibenzo(a,h)anthracene	27.138	278	99972	4.868	ng		98
92)	Benzo(g,h,i)perylene	28.056	276	104127	4.930	ng		94

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

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