Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051324\
Data File : BM045721.D
Acq On : 13 May 2024 19:57
Operator : MA/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

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

Quant Time: May 14 02:30:01 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	7.581	152	106026	20.000	ng	0.00
21) Naphthalene-d8	10.351	136	504724	20.000	ng	0.00
39) Acenaphthene-d10	14.210	164	359147	20.000	ng	0.00
64) Phenanthrene-d10	16.956	188	837956	20.000	ng	0.00
76) Chrysene-d12	21.180	240	518924	20.000	ng	0.00
86) Perylene-d12	23.979	264	430142	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.275	112	605587	98.018	ng	0.00
7) Phenol-d6	6.869	99	765018	101.543	ng	0.00
23) Nitrobenzene-d5	8.751	82	1058050	96.279	ng	0.00
42) 2,4,6-Tribromophenol	15.721	330	510824	104.168	ng	0.00
45) 2-Fluorobiphenyl	12.839	172	2549209	97.830	ng	0.00
79) Terphenyl-d14	19.603	244	5287866	99.447	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.210	88	81643	48.477	ng	99
3) Pyridine	3.646	79	319251m	48.171	ng	
4) n-Nitrosodimethylamine	3.522	42	171445	49.097	ng	95
6) Aniline	6.963	93	299558	48.216	ng	99
8) 2-Chlorophenol	7.186	128	288719	50.619	ng	97
9) Benzaldehyde	6.763	77	242759	45.023	ng	100
10) Phenol	6.892	94	344885	49.112	ng	98
11) bis(2-Chloroethyl)ether	7.045	93	301463	48.207	ng	97
12) 1,3-Dichlorobenzene	7.469	146	381459	49.342	ng	98
13) 1,4-Dichlorobenzene	7.616	146	395294	49.699	ng	99
14) 1,2-Dichlorobenzene	7.933	146	346493	48.819	ng	99
15) Benzyl Alcohol	7.881	79	351262	50.529	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.128	45	296600m	48.103	ng	
17) 2-Methylphenol	8.104	107	259138	51.638	ng	97
18) Hexachloroethane	8.645	117	174182	50.891	ng	97
19) n-Nitroso-di-n-propyla...	8.428	70	300469	53.093	ng	97
20) 3+4-Methylphenols	8.433	107	365752	51.576	ng	91
22) Acetophenone	8.428	105	556697	48.957	ng	98
24) Nitrobenzene	8.792	77	500535	47.070	ng	99
25) Isophorone	9.345	82	779180	49.043	ng	100
26) 2-Nitrophenol	9.498	139	183639	50.858	ng	99
27) 2,4-Dimethylphenol	9.610	122	228023	50.268	ng	95
28) bis(2-Chloroethoxy)met...	9.804	93	457000	49.708	ng	99
29) 2,4-Dichlorophenol	10.045	162	336893	50.470	ng	97
30) 1,2,4-Trichlorobenzene	10.216	180	393062	48.661	ng	99
31) Naphthalene	10.404	128	1230153	49.262	ng	100
32) Benzoic acid	9.875	122	231443	51.989	ng	99
33) 4-Chloroaniline	10.569	127	446902	49.857	ng	98
34) Hexachlorobutadiene	10.686	225	252588	49.061	ng	100
35) Caprolactam	11.504	113	113247m	52.025	ng	
36) 4-Chloro-3-methylphenol	11.733	107	430434	52.529	ng	97
37) 2-Methylnaphthalene	12.016	142	904151	49.507	ng	99
38) 1-Methylnaphthalene	12.239	142	899569	50.023	ng	100
40) 1,2,4,5-Tetrachloroben...	12.380	216	453125	47.534	ng	99
41) Hexachlorocyclopentadiene	12.374	237	199892	47.826	ng	98
43) 2,4,6-Trichlorophenol	12.663	196	316012	50.538	ng	96

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	12.757	196	349058	49.717	ng		95
46)	1,1'-Biphenyl	13.051	154	1233873	47.829	ng		99
47)	2-Chloronaphthalene	13.080	162	971049	48.663	ng		98
48)	2-Nitroaniline	13.339	65	330789	50.497	ng		99
49)	Acenaphthylene	13.939	152	1545904	49.838	ng		99
50)	Dimethylphthalate	13.721	163	1266037	48.368	ng		100
51)	2,6-Dinitrotoluene	13.821	165	282088	49.830	ng		97
52)	Acenaphthene	14.280	154	965934	50.214	ng		99
53)	3-Nitroaniline	14.180	138	284299	51.095	ng		100
54)	2,4-Dinitrophenol	14.357	184	162383	47.992	ng		99
55)	Dibenzofuran	14.621	168	1606177	50.340	ng		100
56)	4-Nitrophenol	14.562	139	254471	53.141	ng		96
57)	2,4-Dinitrotoluene	14.610	165	447710	52.204	ng		98
58)	Fluorene	15.268	166	1450942	50.594	ng		100
59)	2,3,4,6-Tetrachlorophenol	14.868	232	331303	51.402	ng		98
60)	Diethylphthalate	15.080	149	1493060	50.171	ng		100
61)	4-Chlorophenyl-phenyle...	15.268	204	703999	50.622	ng		98
62)	4-Nitroaniline	15.357	138	316798	52.267	ng		99
63)	Azobenzene	15.562	77	1442133	49.397	ng		99
65)	4,6-Dinitro-2-methylph...	15.368	198	240527	48.517	ng		99
66)	n-Nitrosodiphenylamine	15.498	169	1110570	51.079	ng		99
67)	4-Bromophenyl-phenylether	16.162	248	410125	49.417	ng		98
68)	Hexachlorobenzene	16.262	284	492064	49.321	ng		99
69)	Atrazine	16.480	200	332876	48.590	ng		99
70)	Pentachlorophenol	16.633	266	332092	52.547	ng		97
71)	Phenanthrene	17.003	178	2132930	50.481	ng		100
72)	Anthracene	17.092	178	2082241	51.158	ng		99
73)	Carbazole	17.386	167	2030627	51.439	ng		99
74)	Di-n-butylphthalate	17.950	149	2620822	51.068	ng		100
75)	Fluoranthene	19.021	202	2634607	51.242	ng		100
77)	Benzidine	19.244	184	750767	66.350	ng		99
78)	Pyrene	19.386	202	2591582	48.957	ng		99
80)	Butylbenzylphthalate	20.309	149	1126517	47.788	ng		97
81)	Benzo(a)anthracene	21.162	228	1784940	50.262	ng		100
82)	3,3'-Dichlorobenzidine	21.109	252	777834	58.781	ng		99
83)	Chrysene	21.221	228	1625587	49.915	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.109	149	1562877	51.081	ng		99
85)	Di-n-octyl phthalate	22.174	149	1707704	47.709	ng		99
87)	Indeno(1,2,3-cd)pyrene	27.109	276	1470014	54.309	ng	#	100
88)	Benzo(b)fluoranthene	23.109	252	1586125	57.048	ng		99
89)	Benzo(k)fluoranthene	23.168	252	1382453	54.282	ng		99
90)	Benzo(a)pyrene	23.850	252	1288465	53.425	ng	#	99
91)	Dibenzo(a,h)anthracene	27.162	278	1213253	53.198	ng		99
92)	Benzo(g,h,i)perylene	28.085	276	1220458	52.031	ng		99

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

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