Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081224\
Data File : BM047165.D
Acq On : 12 Aug 2024 21:30
Operator : RC/JU
Sample : SP6604
Misc : 8270 SPIKE SOLUTION
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Aug 12 23:45:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 11 23:47:58 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SP6604

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.375	152	272297	20.000	ng		0.00
21) Naphthalene-d8	10.128	136	1138557	20.000	ng		0.00
39) Acenaphthene-d10	14.033	164	726396	20.000	ng		0.00
64) Phenanthrene-d10	16.792	188	1410395	20.000	ng		0.00
76) Chrysene-d12	21.027	240	1015578	20.000	ng		0.00
86) Perylene-d12	23.721	264	1059589	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	0.000	112	0d	0.000	ng		
7) Phenol-d6	0.000	99	0d	0.000	ng		
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng		
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng		
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng		
79) Terphenyl-d14	0.000	244	0d	0.000	ng		
Target Compounds							Qvalue
2) 1,4-Dioxane	3.034	88	326541	51.716	ng		98
3) Pyridine	3.404	79	845308	45.655	ng		100
4) n-Nitrosodimethylamine	3.328	42	442849	54.745	ng		100
6) Aniline	6.722	93	1259659	63.468	ng		99
8) 2-Chlorophenol	6.951	128	1055939	63.531	ng		99
10) Phenol	6.610	94	1322884	63.137	ng		99
11) bis(2-Chloroethyl)ether	6.822	93	990569	55.206	ng		99
12) 1,3-Dichlorobenzene	7.263	146	1057032	53.518	ng		98
13) 1,4-Dichlorobenzene	7.404	146	1070652	53.540	ng		99
14) 1,2-Dichlorobenzene	7.716	146	1043965	55.330	ng		99
15) Benzyl Alcohol	7.628	79	953505	63.804	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.898	45	1338159	58.119	ng		99
17) 2-Methylphenol	7.834	107	858802	61.438	ng		99
18) Hexachloroethane	8.428	117	416928	53.824	ng		99
19) n-Nitroso-di-n-propyla...	8.187	70	763461	53.978	ng		99
20) 3+4-Methylphenols	8.157	107	1186480	60.715	ng		97
22) Acetophenone	8.192	105	1411780	51.369	ng	#	98
24) Nitrobenzene	8.563	77	1185455	52.066	ng		98
25) Isophorone	9.086	82	2087603	53.025	ng		99
26) 2-Nitrophenol	9.263	139	576653	57.189	ng		99
27) 2,4-Dimethylphenol	9.345	122	848374	71.826	ng		99
28) bis(2-Chloroethoxy)met...	9.575	93	1354700	54.685	ng		100
29) 2,4-Dichlorophenol	9.792	162	1055109	60.204	ng		99
30) 1,2,4-Trichlorobenzene	9.998	180	1019553	51.406	ng		100
31) Naphthalene	10.181	128	2970832	52.378	ng		100
32) Benzoic acid	9.534	122	736399	53.663	ng		99
33) 4-Chloroaniline	10.304	127	762588	34.963	ng		99
34) Hexachlorobutadiene	10.463	225	601471	51.812	ng		99
35) Caprolactam	11.110	113	303338m	49.840	ng		
36) 4-Chloro-3-methylphenol	11.451	107	1026013	54.971	ng		98
37) 2-Methylnaphthalene	11.804	142	2146003	53.140	ng		100
38) 1-Methylnaphthalene	12.027	142	2005731	50.254	ng		99
40) 1,2,4,5-Tetrachloroben...	12.186	216	1072139	54.114	ng		98
41) Hexachlorocyclopentadiene	12.163	237	1491895	215.642	ng		98
43) 2,4,6-Trichlorophenol	12.445	196	808273	57.396	ng		99
44) 2,4,5-Trichlorophenol	12.516	196	874576	55.935	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	12.851	154	2784661	53.848	ng	99
47) 2-Chloronaphthalene	12.886	162	2130675	52.714	ng	99
48) 2-Nitroaniline	13.110	65	689208	54.428	ng	97
49) Acenaphthylene	13.745	152	3387308	56.854	ng	100
50) Dimethylphthalate	13.516	163	2656594	52.365	ng	99
51) 2,6-Dinitrotoluene	13.627	165	601483	50.718	ng	96
52) Acenaphthene	14.098	154	2049386	54.227	ng	100
53) 3-Nitroaniline	13.957	138	437943	36.853	ng	98
54) 2,4-Dinitrophenol	14.174	184	785594	110.525	ng	98
55) Dibenzofuran	14.439	168	3124944	52.348	ng	100
56) 4-Nitrophenol	14.298	139	1022239	99.758	ng	95
57) 2,4-Dinitrotoluene	14.427	165	790570	49.943	ng	98
58) Fluorene	15.092	166	2505970	50.877	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.674	232	695905	54.155	ng	99
60) Diethylphthalate	14.892	149	2596179	50.113	ng	100
61) 4-Chlorophenyl-phenyle...	15.098	204	1204348	51.359	ng	99
62) 4-Nitroaniline	15.133	138	545144	46.564	ng	99
63) Azobenzene	15.392	77	2544109	51.792	ng	98
65) 4,6-Dinitro-2-methylph...	15.198	198	460794	55.802	ng	95
66) n-Nitrosodiphenylamine	15.321	169	2169191	56.466	ng	99
67) 4-Bromophenyl-phenylether	15.992	248	748221	55.054	ng	99
68) Hexachlorobenzene	16.098	284	872599	53.609	ng	99
69) Atrazine	16.292	200	749001	64.793	ng	99
70) Pentachlorophenol	16.451	266	1156723	101.378	ng	98
71) Phenanthrene	16.833	178	3822278	54.001	ng	100
72) Anthracene	16.927	178	3891233	56.499	ng	100
73) Carbazole	17.204	167	3519217	50.045	ng	100
74) Di-n-butylphthalate	17.792	149	4201785	51.352	ng	99
75) Fluoranthene	18.868	202	4166972	48.400	ng	99
77) Benzidine	19.074	184	3109478	180.546	ng	100
78) Pyrene	19.233	202	4299534	59.292	ng	100
80) Butylbenzylphthalate	20.174	149	1788285	60.428	ng	96
81) Benzo(a)anthracene	21.009	228	3735131	55.401	ng	100
82) 3,3'-Dichlorobenzidine	20.950	252	982057	46.555	ng	98
83) Chrysene	21.062	228	3477134	54.359	ng	99
84) Bis(2-ethylhexyl)phtha...	20.968	149	2472422	58.911	ng	99
85) Di-n-octyl phthalate	22.003	149	4065131	56.987	ng	100
87) Indeno(1,2,3-cd)pyrene	26.715	276	3710539	54.177	ng	100
88) Benzo(b)fluoranthene	22.880	252	3481605	55.330	ng	100
89) Benzo(k)fluoranthene	22.933	252	3515578	59.150	ng	100
90) Benzo(a)pyrene	23.597	252	3296464	60.475	ng	100
91) Dibenzo(a,h)anthracene	26.762	278	3020408	54.494	ng	100
92) Benzo(g,h,i)perylene	27.632	276	2828088	49.144	ng	100

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

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