Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102924\
Data File : BF140140.D
Acq On : 30 Oct 2024 04:40
Operator : RC/JU
Sample : P4594-04MS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024

Quant Time: Oct 30 05:05:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 15:07:50 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	127559	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	485788	20.000	ng		0.00
39) Acenaphthene-d10	9.928	164	254836	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	363078	20.000	ng		0.00
76) Chrysene-d12	14.057	240	244508	20.000	ng		0.00
86) Perylene-d12	15.539	264	212975	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	882879	108.353	ng		0.02
7) Phenol-d6	6.516	99	1097346	103.982	ng		0.00
23) Nitrobenzene-d5	7.451	82	803332	91.652	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	269158	112.918	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	1386246	89.903	ng		0.00
79) Terphenyl-d14	12.998	244	1147158	76.450	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.846	88	101885	26.818	ng	#	82
3) Pyridine	3.563	79	210206	22.323	ng		99
4) n-Nitrosodimethylamine	3.504	42	167287	33.065	ng	#	96
6) Aniline	6.557	93	187434	19.057	ng		99
8) 2-Chlorophenol	6.675	128	323528	38.839	ng		99
9) Benzaldehyde	6.439	77	39687	6.685	ng		98
10) Phenol	6.534	94	391403m	35.975	ng		
11) bis(2-Chloroethyl)ether	6.628	93	310085	36.874	ng		100
12) 1,3-Dichlorobenzene	6.834	146	266424	27.863	ng		99
13) 1,4-Dichlorobenzene	6.910	146	275448	28.833	ng		99
14) 1,2-Dichlorobenzene	7.057	146	270017	30.285	ng		99
15) Benzyl Alcohol	7.028	79	316139	40.839	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.163	45	522711	36.454	ng		98
17) 2-Methylphenol	7.139	107	289564	40.767	ng		98
18) Hexachloroethane	7.404	117	95972	28.172	ng		96
19) n-Nitroso-di-n-propyla...	7.304	70	255995	39.996	ng		98
20) 3+4-Methylphenols	7.292	107	356808	39.274	ng	#	78
22) Acetophenone	7.298	105	457849	38.479	ng		98
24) Nitrobenzene	7.469	77	367123	38.203	ng		99
25) Isophorone	7.710	82	716397	43.063	ng		99
26) 2-Nitrophenol	7.786	139	169715	46.813	ng		99
27) 2,4-Dimethylphenol	7.816	122	292914	48.454	ng		98
28) bis(2-Chloroethoxy)met...	7.916	93	418171	41.489	ng		99
29) 2,4-Dichlorophenol	8.028	162	292723	42.513	ng		99
30) 1,2,4-Trichlorobenzene	8.110	180	263628	34.602	ng		99
31) Naphthalene	8.192	128	917917	36.637	ng		100
32) Benzoic acid	7.922	122	154195	29.245	ng		95
33) 4-Chloroaniline	8.239	127	98228	11.498	ng		99
34) Hexachlorobutadiene	8.310	225	165671	34.608	ng		98
35) Caprolactam	8.604	113	74037m	33.817	ng		
36) 4-Chloro-3-methylphenol	8.716	107	326234	42.789	ng		99
37) 2-Methylnaphthalene	8.881	142	620377	40.431	ng		99
38) 1-Methylnaphthalene	8.980	142	576708	38.308	ng		99
40) 1,2,4,5-Tetrachloroben...	9.051	216	303331	44.120	ng		99
41) Hexachlorocyclopentadiene	9.033	237	247853	103.609	ng		99
43) 2,4,6-Trichlorophenol	9.157	196	218580	44.906	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	216046	43.021	ng		100
46) 1,1'-Biphenyl	9.345	154	779524	43.941	ng		99
47) 2-Chloronaphthalene	9.375	162	607141	42.492	ng		99
48) 2-Nitroaniline	9.469	65	215798	49.382	ng		96
49) Acenaphthylene	9.792	152	947283	45.859	ng		99
50) Dimethylphthalate	9.651	163	771766	48.621	ng		100
51) 2,6-Dinitrotoluene	9.710	165	159242	46.333	ng		100
52) Acenaphthene	9.963	154	600386	44.930	ng		99
53) 3-Nitroaniline	9.875	138	95567	26.964	ng		100
54) 2,4-Dinitrophenol	9.980	184	65873	48.895	ng	#	1
55) Dibenzofuran	10.133	168	838838	43.753	ng		99
56) 4-Nitrophenol	10.033	139	182783	67.033	ng		98
57) 2,4-Dinitrotoluene	10.110	165	204963	48.496	ng		99
58) Fluorene	10.475	166	612009	41.911	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	162418	41.256	ng		98
60) Diethylphthalate	10.345	149	735308	47.180	ng		99
61) 4-Chlorophenyl-phenyle...	10.469	204	331321	44.929	ng		99
62) 4-Nitroaniline	10.486	138	125371	37.453	ng		97
63) Azobenzene	10.627	77	709028	42.912	ng		99
65) 4,6-Dinitro-2-methylph...	10.516	198	52396	35.379	ng		99
66) n-Nitrosodiphenylamine	10.586	169	569552	52.412	ng		99
67) 4-Bromophenyl-phenylether	10.957	248	198468	53.061	ng		99
68) Hexachlorobenzene	11.022	284	206343	49.051	ng		99
69) Atrazine	11.110	200	145397	49.393	ng		99
70) Pentachlorophenol	11.216	266	187167	73.311	ng		99
71) Phenanthrene	11.439	178	802558	46.796	ng		99
72) Anthracene	11.492	178	809069	48.351	ng		100
73) Carbazole	11.645	167	666663	42.838	ng		100
74) Di-n-butylphthalate	11.974	149	939848	52.273	ng		100
75) Fluoranthene	12.627	202	757838	43.711	ng		99
77) Benzidine	12.751	184	22787	5.668	ng		95
78) Pyrene	12.857	202	778531	36.376	ng		99
80) Butylbenzylphthalate	13.474	149	333588	51.989	ng		98
81) Benzo(a)anthracene	14.045	228	754093	47.378	ng		100
82) 3,3'-Dichlorobenzidine	14.004	252	124885	26.910	ng		99
83) Chrysene	14.080	228	711043	48.723	ng		100
84) Bis(2-ethylhexyl)phtha...	14.033	149	464640	64.542	ng		99
85) Di-n-octyl phthalate	14.645	149	843408	64.411	ng		98
87) Indeno(1,2,3-cd)pyrene	17.039	276	533381	38.929	ng		98
88) Benzo(b)fluoranthene	15.104	252	642470	49.522	ng		99
89) Benzo(k)fluoranthene	15.133	252	632065	56.492	ng		99
90) Benzo(a)pyrene	15.474	252	555616	52.048	ng		99
91) Dibenzo(a,h)anthracene	17.056	278	442087	38.678	ng		99
92) Benzo(g,h,i)perylene	17.492	276	388777	34.053	ng		98

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

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