Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112724\
Data File : BF140666.D
Acq On : 27 Nov 2024 13:38
Operator : RC/JU
Sample : P4938-04MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-732MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024

Quant Time: Nov 27 14:02:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	67929	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	262127	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	152071	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	296201	20.000	ng		0.00
76) Chrysene-d12	14.051	240	177973	20.000	ng		0.00
86) Perylene-d12	15.539	264	132236	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	586925	147.421	ng		0.02
7) Phenol-d6	6.516	99	757624	143.943	ng		0.00
23) Nitrobenzene-d5	7.433	82	511555	99.823	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	268992	165.390	ng		0.00
45) 2-Fluorobiphenyl	9.227	172	1015155	99.462	ng		0.00
79) Terphenyl-d14	12.986	244	1150436	100.655	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.822	88	70259	41.973	ng	#	83
3) Pyridine	3.551	79	113704	30.873	ng		99
4) n-Nitrosodimethylamine	3.469	42	100430	46.396	ng		95
6) Aniline	6.539	93	47742	12.887	ng	#	8
8) 2-Chlorophenol	6.663	128	222859	52.030	ng		95
9) Benzaldehyde	6.428	77	19559	7.020	ng		96
10) Phenol	6.528	94	260801	48.519	ng		88
11) bis(2-Chloroethyl)ether	6.604	93	203196	49.400	ng		99
12) 1,3-Dichlorobenzene	6.810	146	200483	41.656	ng		98
13) 1,4-Dichlorobenzene	6.886	146	205348	42.138	ng		100
14) 1,2-Dichlorobenzene	7.039	146	198142	43.392	ng		99
15) Benzyl Alcohol	7.016	79	170980	43.804	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	242772	49.960	ng		82
17) 2-Methylphenol	7.133	107	180878	52.754	ng		97
18) Hexachloroethane	7.381	117	75038	41.228	ng		98
19) n-Nitroso-di-n-propyla...	7.281	70	162170	52.134	ng		99
20) 3+4-Methylphenols	7.286	107	241702	54.844	ng		92
22) Acetophenone	7.281	105	312834	48.953	ng		97
24) Nitrobenzene	7.457	77	245621	46.374	ng		98
25) Isophorone	7.692	82	444745	52.032	ng		100
26) 2-Nitrophenol	7.769	139	118795	50.612	ng		100
27) 2,4-Dimethylphenol	7.810	122	188300m	67.051	ng		
28) bis(2-Chloroethoxy)met...	7.898	93	257620	49.474	ng		99
29) 2,4-Dichlorophenol	8.016	162	200158	53.788	ng		99
30) 1,2,4-Trichlorobenzene	8.092	180	187090	44.033	ng		99
31) Naphthalene	8.175	128	642354	47.575	ng		99
32) Benzoic acid	7.945	122	137133	54.898	ng		95
33) 4-Chloroaniline	8.239	127	28127	6.958	ng		97
34) Hexachlorobutadiene	8.286	225	123991	44.059	ng		99
35) Caprolactam	8.598	113	56524m	49.083	ng		
36) 4-Chloro-3-methylphenol	8.716	107	233359	56.010	ng		100
37) 2-Methylnaphthalene	8.863	142	449532	52.419	ng		99
38) 1-Methylnaphthalene	8.963	142	413642	49.208	ng		100
40) 1,2,4,5-Tetrachloroben...	9.027	216	220111	49.442	ng		99
41) Hexachlorocyclopentadiene	9.016	237	183072	173.563	ng		98
43) 2,4,6-Trichlorophenol	9.151	196	152041	54.427	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	162487	53.595	ng		98
46) 1,1'-Biphenyl	9.327	154	583236	51.369	ng		100
47) 2-Chloronaphthalene	9.357	162	430094	49.994	ng		99
48) 2-Nitroaniline	9.457	65	142267	51.520	ng		96
49) Acenaphthylene	9.769	152	721012	55.469	ng		99
50) Dimethylphthalate	9.627	163	570402	56.953	ng		100
51) 2,6-Dinitrotoluene	9.698	165	118974	52.379	ng		96
52) Acenaphthene	9.945	154	435461	52.725	ng		100
53) 3-Nitroaniline	9.869	138	18610	8.377	ng		97
54) 2,4-Dinitrophenol	9.980	184	149178	122.233	ng		98
55) Dibenzofuran	10.116	168	673834	53.488	ng		99
56) 4-Nitrophenol	10.045	139	155480	102.621	ng		96
57) 2,4-Dinitrotoluene	10.104	165	167516	55.491	ng		99
58) Fluorene	10.457	166	549399	54.332	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	146422	62.842	ng		93
60) Diethylphthalate	10.327	149	569097	55.927	ng		100
61) 4-Chlorophenyl-phenyle...	10.451	204	266790	53.761	ng		96
62) 4-Nitroaniline	10.480	138	67216	28.848	ng		98
63) Azobenzene	10.610	77	498157	51.695	ng		99
65) 4,6-Dinitro-2-methylph...	10.516	198	98061	64.787	ng		97
66) n-Nitrosodiphenylamine	10.569	169	254237	29.024	ng		100
67) 4-Bromophenyl-phenylether	10.939	248	162616	53.309	ng		98
68) Hexachlorobenzene	11.010	284	180817	51.193	ng		98
69) Atrazine	11.092	200	35812	14.533	ng		100
70) Pentachlorophenol	11.210	266	197212	126.861	ng		99
71) Phenanthrene	11.427	178	780266	54.801	ng		100
72) Anthracene	11.474	178	790920	56.788	ng		100
73) Carbazole	11.633	167	409597	30.571	ng		100
74) Di-n-butylphthalate	11.951	149	885211	57.227	ng		100
75) Fluoranthene	12.616	202	844296	54.615	ng		100
77) Benzidine	12.757	184	10754m	2.078	ng		
78) Pyrene	12.845	202	854629	51.935	ng		100
80) Butylbenzylphthalate	13.457	149	339530	57.275	ng		99
81) Benzo(a)anthracene	14.039	228	646511	54.877	ng		100
82) 3,3'-Dichlorobenzidine	14.004	252	2892	0.818	ng	#	91
83) Chrysene	14.074	228	588072	54.590	ng		100
84) Bis(2-ethylhexyl)phtha...	14.010	149	457915	61.175	ng		100
85) Di-n-octyl phthalate	14.633	149	681736	66.643	ng		98
87) Indeno(1,2,3-cd)pyrene	17.051	276	546892	63.462	ng		99
88) Benzo(b)fluoranthene	15.104	252	523502	63.027	ng		99
89) Benzo(k)fluoranthene	15.133	252	536893	73.867	ng		99
90) Benzo(a)pyrene	15.480	252	472270	69.931	ng		99
91) Dibenzo(a,h)anthracene	17.062	278	475365	67.355	ng		99
92) Benzo(g,h,i)perylene	17.503	276	379393	52.680	ng		99

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

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