Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
Data File : BF140556.D
Acq On : 22 Nov 2024 00:28
Operator : RC/JU
Sample : P4916-09MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3-WCMSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024

Quant Time: Nov 22 04:50:11 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	71690	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	262910	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	138003	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	262977	20.000	ng	0.00
76) Chrysene-d12	14.051	240	154564	20.000	ng	0.00
86) Perylene-d12	15.539	264	144463	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	361792	86.106	ng	0.00
7) Phenol-d6	6.510	99	476888	85.852	ng	0.00
23) Nitrobenzene-d5	7.434	82	297163	57.814	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	132527	89.791	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	527885	56.993	ng	0.00
79) Terphenyl-d14	12.986	244	582440	58.677	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	81646	46.217	ng	100
3) Pyridine	3.434	79	180770	46.507	ng	99
4) n-Nitrosodimethylamine	3.387	42	113489	49.678	ng	100
6) Aniline	6.534	93	184530	47.197	ng	89
8) 2-Chlorophenol	6.657	128	219113	48.472	ng	98
9) Benzaldehyde	6.422	77	113499	38.597	ng	98
10) Phenol	6.522	94	278803	49.147	ng	94
11) bis(2-Chloroethyl)ether	6.604	93	210544	48.501	ng	99
12) 1,3-Dichlorobenzene	6.810	146	239245	47.102	ng	100
13) 1,4-Dichlorobenzene	6.887	146	243989	47.441	ng	99
14) 1,2-Dichlorobenzene	7.039	146	228099	47.331	ng	99
15) Benzyl Alcohol	7.016	79	201479	48.910	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	259702	50.640	ng	97
17) 2-Methylphenol	7.128	107	172022	47.539	ng	97
18) Hexachloroethane	7.381	117	93654	48.756	ng	97
19) n-Nitroso-di-n-propyla...	7.281	70	154668	47.114	ng	98
20) 3+4-Methylphenols	7.281	107	220415	47.390	ng	96
22) Acetophenone	7.281	105	306152	47.764	ng	99
24) Nitrobenzene	7.451	77	241187	45.402	ng	100
25) Isophorone	7.692	82	412063	48.065	ng	99
26) 2-Nitrophenol	7.769	139	116088	49.312	ng	99
27) 2,4-Dimethylphenol	7.804	122	164622m	58.445	ng	
28) bis(2-Chloroethoxy)met...	7.898	93	248163	47.516	ng	99
29) 2,4-Dichlorophenol	8.016	162	178739	47.889	ng	97
30) 1,2,4-Trichlorobenzene	8.092	180	196504	46.111	ng	99
31) Naphthalene	8.175	128	638580	47.155	ng	99
32) Benzoic acid	7.928	122	100416	42.021	ng	99
33) 4-Chloroaniline	8.222	127	62119	15.321	ng	99
34) Hexachlorobutadiene	8.286	225	135247	47.915	ng	99
35) Caprolactam	8.586	113	54914m	47.543	ng	
36) 4-Chloro-3-methylphenol	8.710	107	193848	46.388	ng	99
37) 2-Methylnaphthalene	8.863	142	412761	47.988	ng	100
38) 1-Methylnaphthalene	8.963	142	380999	45.190	ng	99
40) 1,2,4,5-Tetrachloroben...	9.033	216	202818	50.202	ng	98
41) Hexachlorocyclopentadiene	9.016	237	179874	187.312	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	125118	49.355	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	129969	47.239	ng	97
46) 1,1'-Biphenyl	9.328	154	508061	49.310	ng	100
47) 2-Chloronaphthalene	9.357	162	375094	48.045	ng	99
48) 2-Nitroaniline	9.451	65	123906	49.445	ng	99
49) Acenaphthylene	9.775	152	622594	52.780	ng	99
50) Dimethylphthalate	9.628	163	441748	48.604	ng	100
51) 2,6-Dinitrotoluene	9.692	165	96489	46.810	ng	98
52) Acenaphthene	9.945	154	377695	50.392	ng	99
53) 3-Nitroaniline	9.863	138	53894	26.733	ng	98
54) 2,4-Dinitrophenol	9.980	184	96689	89.537	ng	96
55) Dibenzofuran	10.116	168	561824	49.143	ng	98
56) 4-Nitrophenol	10.039	139	142028	103.298	ng	97
57) 2,4-Dinitrotoluene	10.104	165	133611	48.772	ng	97
58) Fluorene	10.457	166	448393	48.863	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	110414	52.218	ng	96
60) Diethylphthalate	10.327	149	436019	47.217	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	215492	47.851	ng	98
62) 4-Nitroaniline	10.480	138	97502	46.112	ng	100
63) Azobenzene	10.610	77	448393	51.275	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	71612	53.290	ng	99
66) n-Nitrosodiphenylamine	10.569	169	379989	48.861	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	127197	46.966	ng	99
68) Hexachlorobenzene	11.010	284	145508	46.401	ng	97
69) Atrazine	11.098	200	125517	57.371	ng	98
70) Pentachlorophenol	11.210	266	132686	96.136	ng	98
71) Phenanthrene	11.427	178	627366	49.629	ng	99
72) Anthracene	11.474	178	646355	52.271	ng	100
73) Carbazole	11.633	167	592563	49.814	ng	100
74) Di-n-butylphthalate	11.957	149	673113	49.013	ng	100
75) Fluoranthene	12.616	202	682803	49.749	ng	99
77) Benzidine	12.739	184	191347	42.580	ng	99
78) Pyrene	12.845	202	698240	48.857	ng	100
80) Butylbenzylphthalate	13.457	149	258110	50.135	ng	97
81) Benzo(a)anthracene	14.039	228	519079	50.733	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	96789	31.508	ng	98
83) Chrysene	14.074	228	466295	49.841	ng	100
84) Bis(2-ethylhexyl)phtha...	14.015	149	328149	50.478	ng	99
85) Di-n-octyl phthalate	14.639	149	464895	52.328	ng	98
87) Indeno(1,2,3-cd)pyrene	17.045	276	416904	44.283	ng	99
88) Benzo(b)fluoranthene	15.104	252	438951	48.375	ng	100
89) Benzo(k)fluoranthene	15.133	252	398654	50.205	ng	100
90) Benzo(a)pyrene	15.474	252	390037	52.866	ng	99
91) Dibenzo(a,h)anthracene	17.056	278	334989	43.448	ng	99
92) Benzo(g,h,i)perylene	17.498	276	309861	39.384	ng	99

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

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