Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112724\
Data File : BF140669.D
Acq On : 27 Nov 2024 14:55
Operator : RC/JU
Sample : P4985-01MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-756-WCMSD

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

Quant Time: Nov 27 15:21:53 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	117319	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	450123	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	260080	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	487119	20.000	ng	0.00
76) Chrysene-d12	14.051	240	274915	20.000	ng	0.00
86) Perylene-d12	15.539	264	280353	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	460445	66.964	ng	0.00
7) Phenol-d6	6.510	99	622224	68.450	ng	0.00
23) Nitrobenzene-d5	7.434	82	400953	45.563	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	195281	70.205	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	772480	44.254	ng	0.00
79) Terphenyl-d14	12.980	244	731732	41.446	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.687	88	81603	28.227	ng	98
3) Pyridine	3.457	79	207375	32.602	ng	99
4) n-Nitrosodimethylamine	3.410	42	114997	30.760	ng	95
6) Aniline	6.534	93	217095	33.931	ng	90
8) 2-Chlorophenol	6.663	128	250283	33.833	ng	95
9) Benzaldehyde	6.422	77	102515	21.303	ng	99
10) Phenol	6.528	94	324423	34.947	ng	98
11) bis(2-Chloroethyl)ether	6.604	93	231333	32.564	ng	99
12) 1,3-Dichlorobenzene	6.810	146	256624	30.873	ng	99
13) 1,4-Dichlorobenzene	6.886	146	263084	31.258	ng	99
14) 1,2-Dichlorobenzene	7.039	146	250930	31.818	ng	98
15) Benzyl Alcohol	7.016	79	232924	34.552	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	283723	33.807	ng	90
17) 2-Methylphenol	7.128	107	195330	32.986	ng	98
18) Hexachloroethane	7.381	117	97227	30.930	ng	99
19) n-Nitroso-di-n-propyla...	7.281	70	178258	33.181	ng	97
20) 3+4-Methylphenols	7.281	107	256887	33.750	ng	94
22) Acetophenone	7.281	105	345445	31.479	ng	98
24) Nitrobenzene	7.457	77	274482	30.179	ng	97
25) Isophorone	7.692	82	484920	33.038	ng	100
26) 2-Nitrophenol	7.769	139	135878	33.712	ng	97
27) 2,4-Dimethylphenol	7.810	122	196645m	40.777	ng	
28) bis(2-Chloroethoxy)met...	7.898	93	290376	32.474	ng	99
29) 2,4-Dichlorophenol	8.016	162	216271	33.845	ng	96
30) 1,2,4-Trichlorobenzene	8.092	180	223848	30.681	ng	99
31) Naphthalene	8.175	128	743029	32.047	ng	99
32) Benzoic acid	7.945	122	124921	32.499	ng	99
33) 4-Chloroaniline	8.228	127	96369	13.882	ng	98
34) Hexachlorobutadiene	8.286	225	146232	30.260	ng	99
35) Caprolactam	8.598	113	72087m	36.453	ng	
36) 4-Chloro-3-methylphenol	8.716	107	245373	34.296	ng	98
37) 2-Methylnaphthalene	8.863	142	496868	33.740	ng	99
38) 1-Methylnaphthalene	8.963	142	456656	31.636	ng	99
40) 1,2,4,5-Tetrachloroben...	9.033	216	243823	32.024	ng	99
41) Hexachlorocyclopentadiene	9.016	237	183573	104.778	ng	97
43) 2,4,6-Trichlorophenol	9.151	196	157111	32.885	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	171662	33.107	ng	95
46) 1,1'-Biphenyl	9.327	154	625118	32.193	ng	100
47) 2-Chloronaphthalene	9.357	162	465587	31.644	ng	98
48) 2-Nitroaniline	9.457	65	155729	32.975	ng	96
49) Acenaphthylene	9.769	152	769509	34.615	ng	100
50) Dimethylphthalate	9.627	163	579653	33.841	ng	100
51) 2,6-Dinitrotoluene	9.698	165	126699	32.615	ng	93
52) Acenaphthene	9.945	154	468014	33.133	ng	99
53) 3-Nitroaniline	9.869	138	86960	22.888	ng	94
54) 2,4-Dinitrophenol	9.986	184	143064	71.978	ng	95
55) Dibenzofuran	10.116	168	714291	33.153	ng	100
56) 4-Nitrophenol	10.045	139	176728	68.203	ng	94
57) 2,4-Dinitrotoluene	10.104	165	172951	33.499	ng	98
58) Fluorene	10.463	166	575613	33.284	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	146501	36.764	ng	94
60) Diethylphthalate	10.327	149	590256	33.917	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	284106	33.475	ng	96
62) 4-Nitroaniline	10.486	138	131168	32.916	ng	97
63) Azobenzene	10.610	77	591360	35.882	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	99561	39.997	ng	97
66) n-Nitrosodiphenylamine	10.569	169	495265	34.381	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	170016	33.891	ng	97
68) Hexachlorobenzene	11.010	284	189786	32.673	ng	99
69) Atrazine	11.098	200	163790	40.417	ng	99
70) Pentachlorophenol	11.210	266	168393	65.867	ng	100
71) Phenanthrene	11.427	178	788756	33.685	ng	99
72) Anthracene	11.480	178	817271	35.681	ng	100
73) Carbazole	11.633	167	724700	32.889	ng	100
74) Di-n-butylphthalate	11.957	149	881535	34.653	ng	99
75) Fluoranthene	12.616	202	778993	30.641	ng	99
77) Benzidine	12.739	184	125731	15.730	ng	98
78) Pyrene	12.845	202	779214	30.654	ng	100
80) Butylbenzylphthalate	13.457	149	301282	32.902	ng	99
81) Benzo(a)anthracene	14.039	228	627059	34.457	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	131745	24.112	ng	99
83) Chrysene	14.074	228	574467	34.523	ng	100
84) Bis(2-ethylhexyl)phtha...	14.015	149	399909	34.586	ng	99
85) Di-n-octyl phthalate	14.633	149	652453	41.290	ng	98
87) Indeno(1,2,3-cd)pyrene	17.056	276	525361	28.755	ng	99
88) Benzo(b)fluoranthene	15.104	252	607116	34.477	ng	98
89) Benzo(k)fluoranthene	15.133	252	504232	32.722	ng	99
90) Benzo(a)pyrene	15.480	252	516424	36.069	ng	99
91) Dibenzo(a,h)anthracene	17.062	278	431590	28.844	ng	99
92) Benzo(g,h,i)perylene	17.509	276	378458	24.787	ng	99

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

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