Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110724\
Data File : BF140267.D
Acq On : 07 Nov 2024 11:48
Operator : RC/JU
Sample : P4693-05MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BP-G4-WCMSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/11/2024

Quant Time: Nov 07 12:28:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 05 16:47:56 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	125684	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	490356	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	287196	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	534951	20.000	ng		0.00
76) Chrysene-d12	14.057	240	305568	20.000	ng		0.00
86) Perylene-d12	15.562	264	306803	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.492	112	615108	81.105	ng		0.00
7) Phenol-d6	6.498	99	793952	81.389	ng		0.00
23) Nitrobenzene-d5	7.439	82	523596	53.089	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	259121	91.279	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	952510	52.959	ng		0.00
79) Terphenyl-d14	12.992	244	1135407	60.868	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.687	88	137051	39.306	ng		97
3) Pyridine	3.446	79	354878	41.712	ng		96
4) n-Nitrosodimethylamine	3.398	42	205401	41.816	ng		90
6) Aniline	6.539	93	473264	53.699	ng		98
8) 2-Chlorophenol	6.657	128	377914	47.624	ng		96
9) Benzaldehyde	6.428	77	56651	9.428	ng		97
10) Phenol	6.516	94	498119	48.080	ng		93
11) bis(2-Chloroethyl)ether	6.610	93	355384	45.155	ng		97
12) 1,3-Dichlorobenzene	6.816	146	407650	43.838	ng		98
13) 1,4-Dichlorobenzene	6.892	146	413281	44.066	ng		99
14) 1,2-Dichlorobenzene	7.045	146	399427	45.599	ng		97
15) Benzyl Alcohol	7.016	79	352031	46.813	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.145	45	572408	44.932	ng		99
17) 2-Methylphenol	7.122	107	312093	47.147	ng		98
18) Hexachloroethane	7.386	117	152024	43.516	ng		97
19) n-Nitroso-di-n-propyla...	7.286	70	278298	44.719	ng		96
20) 3+4-Methylphenols	7.275	107	388880	46.776	ng		94
22) Acetophenone	7.286	105	519616	42.740	ng	#	91
24) Nitrobenzene	7.457	77	430861	41.634	ng		96
25) Isophorone	7.692	82	746326	43.947	ng		99
26) 2-Nitrophenol	7.775	139	193671	47.046	ng		97
27) 2,4-Dimethylphenol	7.804	122	308556	55.095	ng		97
28) bis(2-Chloroethoxy)met...	7.904	93	443547	43.645	ng		99
29) 2,4-Dichlorophenol	8.010	162	323647	46.713	ng		98
30) 1,2,4-Trichlorobenzene	8.098	180	344658	41.514	ng		99
31) Naphthalene	8.181	128	1102291	43.532	ng		99
32) Benzoic acid	7.916	122	215451	46.877	ng		95
33) 4-Chloroaniline	8.228	127	371043	44.510	ng		97
34) Hexachlorobutadiene	8.298	225	231904	41.267	ng		99
35) Caprolactam	8.592	113	108722m	51.585	ng		
36) 4-Chloro-3-methylphenol	8.704	107	352385	45.681	ng		96
37) 2-Methylnaphthalene	8.869	142	746741	45.187	ng		99
38) 1-Methylnaphthalene	8.969	142	688949	42.533	ng		100
40) 1,2,4,5-Tetrachloroben...	9.039	216	364398	43.341	ng		97
41) Hexachlorocyclopentadiene	9.022	237	418893	177.802	ng		99
43) 2,4,6-Trichlorophenol	9.145	196	241070	46.270	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	249454	45.536	ng	97
46) 1,1'-Biphenyl	9.333	154	910506	43.861	ng	100
47) 2-Chloronaphthalene	9.363	162	681051	43.589	ng	99
48) 2-Nitroaniline	9.457	65	242840	46.475	ng	94
49) Acenaphthylene	9.780	152	1076472	48.664	ng	100
50) Dimethylphthalate	9.639	163	828354	46.833	ng	100
51) 2,6-Dinitrotoluene	9.698	165	190972	45.934	ng	97
52) Acenaphthene	9.951	154	822001	52.391	ng	98
53) 3-Nitroaniline	9.869	138	168875	43.137	ng	97
54) 2,4-Dinitrophenol	9.975	184	223180	107.131	ng	92
55) Dibenzofuran	10.122	168	1024598	46.701	ng	99
56) 4-Nitrophenol	10.027	139	303768	110.357	ng	98
57) 2,4-Dinitrotoluene	10.104	165	261357	48.443	ng	94
58) Fluorene	10.469	166	795813	45.568	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	227015	50.586	ng	97
60) Diethylphthalate	10.339	149	826166	47.004	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	394805	44.855	ng	98
62) 4-Nitroaniline	10.486	138	193613	49.767	ng	97
63) Azobenzene	10.622	77	888546	48.767	ng	95
65) 4,6-Dinitro-2-methylph...	10.516	198	151562	53.945	ng	94
66) n-Nitrosodiphenylamine	10.580	169	694702	45.151	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	259912	45.119	ng	98
68) Hexachlorobenzene	11.016	284	294817	44.899	ng	95
69) Atrazine	11.104	200	255613	60.723	ng	98
70) Pentachlorophenol	11.210	266	338425	95.983	ng	99
71) Phenanthrene	11.433	178	1195885	46.843	ng	100
72) Anthracene	11.486	178	1211576	48.398	ng	99
73) Carbazole	11.639	167	1067335	46.662	ng	99
74) Di-n-butylphthalate	11.969	149	1288889	47.603	ng	99
75) Fluoranthene	12.621	202	1217570	45.611	ng	100
77) Benzidine	12.745	184	655634	109.741	ng	99
78) Pyrene	12.851	202	1218901	48.312	ng	99
80) Butylbenzylphthalate	13.468	149	456427	50.240	ng	96
81) Benzo(a)anthracene	14.045	228	949181	48.403	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	274724	44.611	ng	99
83) Chrysene	14.086	228	820280	44.668	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	591398	46.446	ng	99
85) Di-n-octyl phthalate	14.668	149	861527	44.953	ng	97
87) Indeno(1,2,3-cd)pyrene	17.074	276	835462	46.391	ng	100
88) Benzo(b)fluoranthene	15.127	252	839860	45.256	ng	99
89) Benzo(k)fluoranthene	15.157	252	780922	45.859	ng	99
90) Benzo(a)pyrene	15.498	252	761964	49.799	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	682867	46.088	ng	100
92) Benzo(g,h,i)perylene	17.527	276	604337	39.983	ng	99

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

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