Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071924\
Data File : BF138591.D
Acq On : 19 Jul 2024 15:59
Operator : RC/JU
Sample : P3246-06MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-02MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024

Quant Time: Jul 19 16:28:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 16:58:40 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.857	152	78900	20.000	ng		-0.01
21) Naphthalene-d8	8.139	136	331750	20.000	ng		-0.01
39) Acenaphthene-d10	9.898	164	179702	20.000	ng		0.00
64) Phenanthrene-d10	11.386	188	316038	20.000	ng		0.00
76) Chrysene-d12	14.021	240	155523	20.000	ng		0.00
86) Perylene-d12	15.486	264	181335	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	571447	114.706	ng		0.00
7) Phenol-d6	6.498	99	775004	116.941	ng		0.00
23) Nitrobenzene-d5	7.428	82	489494	72.443	ng		0.00
42) 2,4,6-Tribromophenol	10.692	330	191130	113.802	ng		0.00
45) 2-Fluorobiphenyl	9.216	172	818779	71.211	ng		-0.01
79) Terphenyl-d14	12.963	244	753369	78.916	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.705	88	98173	44.494	ng		99
3) Pyridine	3.463	79	232450	42.720	ng		97
4) n-Nitrosodimethylamine	3.416	42	188297	53.160	ng		91
6) Aniline	6.522	93	253921	40.906	ng	#	41
8) 2-Chlorophenol	6.645	128	287281	54.536	ng		97
9) Benzaldehyde	6.410	77	28055	7.909	ng		92
10) Phenol	6.516	94	379215	53.908	ng		89
11) bis(2-Chloroethyl)ether	6.598	93	282908	53.416	ng		98
12) 1,3-Dichlorobenzene	6.798	146	291309	49.197	ng		97
13) 1,4-Dichlorobenzene	6.875	146	294419	48.965	ng		98
14) 1,2-Dichlorobenzene	7.028	146	277502	49.552	ng		95
15) Benzyl Alcohol	7.004	79	276598	55.613	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.128	45	522589	50.175	ng		67
17) 2-Methylphenol	7.116	107	231359	53.590	ng		96
18) Hexachloroethane	7.369	117	109938	49.735	ng		95
19) n-Nitroso-di-n-propyla...	7.275	70	218461	53.348	ng		95
20) 3+4-Methylphenols	7.275	107	290188	53.377	ng		90
22) Acetophenone	7.269	105	363696	45.139	ng		97
24) Nitrobenzene	7.445	77	329402	47.972	ng		97
25) Isophorone	7.681	82	591759	50.997	ng		100
26) 2-Nitrophenol	7.757	139	155806	52.941	ng		96
27) 2,4-Dimethylphenol	7.798	122	197924	54.719	ng		99
28) bis(2-Chloroethoxy)met...	7.892	93	350866	50.595	ng		98
29) 2,4-Dichlorophenol	8.004	162	232256	49.446	ng		97
30) 1,2,4-Trichlorobenzene	8.081	180	246067	44.969	ng		97
31) Naphthalene	8.163	128	845060	48.979	ng		99
32) Benzoic acid	7.934	122	151921	44.036	ng		94
33) 4-Chloroaniline	8.216	127	158903	26.249	ng		97
34) Hexachlorobutadiene	8.275	225	141581	42.018	ng		99
35) Caprolactam	8.592	113	77928m	51.414	ng		
36) 4-Chloro-3-methylphenol	8.704	107	271337	51.599	ng		99
37) 2-Methylnaphthalene	8.857	142	538712	48.519	ng		99
38) 1-Methylnaphthalene	8.957	142	496549	45.823	ng		98
40) 1,2,4,5-Tetrachloroben...	9.022	216	217054	43.338	ng		97
41) Hexachlorocyclopentadiene	9.004	237	188877	116.186	ng		100
43) 2,4,6-Trichlorophenol	9.134	196	158996	49.768	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	170022	48.386	ng	95
46) 1,1'-Biphenyl	9.322	154	625155	45.904	ng	99
47) 2-Chloronaphthalene	9.345	162	494952	48.108	ng	99
48) 2-Nitroaniline	9.445	65	194328	54.507	ng	97
49) Acenaphthylene	9.763	152	795078	54.432	ng	100
50) Dimethylphthalate	9.622	163	597993	51.463	ng	100
51) 2,6-Dinitrotoluene	9.686	165	132952	49.693	ng	89
52) Acenaphthene	9.933	154	500818	51.580	ng	100
53) 3-Nitroaniline	9.857	138	106476	38.829	ng	92
54) 2,4-Dinitrophenol	9.963	184	142658	98.223	ng	98
55) Dibenzofuran	10.104	168	708565	50.312	ng	99
56) 4-Nitrophenol	10.028	139	205612	101.621	ng	99
57) 2,4-Dinitrotoluene	10.092	165	182419	52.697	ng	97
58) Fluorene	10.445	166	559455	50.205	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	139384	50.262	ng	98
60) Diethylphthalate	10.322	149	579570	51.738	ng	99
61) 4-Chlorophenyl-phenyle...	10.439	204	266493	47.625	ng	96
62) 4-Nitroaniline	10.475	138	145599	52.987	ng	98
63) Azobenzene	10.598	77	636959	52.887	ng	98
65) 4,6-Dinitro-2-methylph...	10.498	198	107679	59.008	ng	80
66) n-Nitrosodiphenylamine	10.557	169	487456	51.481	ng	98
67) 4-Bromophenyl-phenylether	10.928	248	160388	49.376	ng	97
68) Hexachlorobenzene	10.992	284	172732	47.867	ng	97
69) Atrazine	11.086	200	149281	47.552	ng	97
70) Pentachlorophenol	11.192	266	193864	90.790	ng	96
71) Phenanthrene	11.410	178	817386	51.194	ng	100
72) Anthracene	11.463	178	818273	51.628	ng	99
73) Carbazole	11.616	167	717481	50.373	ng	99
74) Di-n-butylphthalate	11.939	149	869674	52.971	ng	100
75) Fluoranthene	12.598	202	756064	46.407	ng	98
77) Benzidine	12.716	184	83760	21.347	ng	99
78) Pyrene	12.827	202	751179	47.580	ng	100
80) Butylbenzylphthalate	13.439	149	278890	58.723	ng	98
81) Benzo(a)anthracene	14.010	228	546735	52.391	ng	100
82) 3,3'-Dichlorobenzidine	13.974	252	123486	45.923	ng	97
83) Chrysene	14.051	228	505095	51.164	ng	99
84) Bis(2-ethylhexyl)phtha...	13.992	149	353562	69.803	ng	98
85) Di-n-octyl phthalate	14.604	149	559227	69.889	ng	98
87) Indeno(1,2,3-cd)pyrene	16.962	276	625449	51.349	ng	98
88) Benzo(b)fluoranthene	15.057	252	541744	53.048	ng	99
89) Benzo(k)fluoranthene	15.086	252	460952	46.281	ng	99
90) Benzo(a)pyrene	15.427	252	484323	53.987	ng	100
91) Dibenzo(a,h)anthracene	16.980	278	500752	50.258	ng	99
92) Benzo(g,h,i)perylene	17.409	276	479000	45.337	ng	96

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

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