Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012924\
Data File : BF137185.D
Acq On : 29 Jan 2024 11:03
Operator : CG\JU
Sample : PB158518BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 29 11:52:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 27 02:14:33 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB158518BS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 01/29/2024
Supervised By :mohammad ahmed 01/31/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	73126	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	298576	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	175089	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	350042	20.000	ng	0.00
76) Chrysene-d12	13.992	240	204702	20.000	ng	0.00
86) Perylene-d12	15.474	264	181797	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	444990	105.719	ng	0.02
7) Phenol-d6	6.440	99	612305	101.940	ng	0.00
23) Nitrobenzene-d5	7.369	82	585309	88.930	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	181666	92.867	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1054681	84.572	ng	0.00
79) Terphenyl-d14	12.933	244	1303931	89.345	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.693	88	80935	35.160	ng	96
3) Pyridine	3.434	79	187764	43.049	ng	97
4) n-Nitrosodimethylamine	3.416	42	110989	45.846	ng	84
6) Aniline	6.469	93	259384	36.958	ng	99
8) 2-Chlorophenol	6.587	128	240563	49.598	ng	97
9) Benzaldehyde	6.351	77	80227	33.715	ng	100
10) Phenol	6.451	94	335518	49.757	ng	95
11) bis(2-Chloroethyl)ether	6.545	93	240211	48.292	ng	98
12) 1,3-Dichlorobenzene	6.740	146	259087	45.016	ng	97
13) 1,4-Dichlorobenzene	6.822	146	268742	45.313	ng	97
14) 1,2-Dichlorobenzene	6.969	146	250318	45.011	ng	97
15) Benzyl Alcohol	6.945	79	237115	51.977	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.081	45	377662	43.099	ng	95
17) 2-Methylphenol	7.057	107	209778	50.656	ng	99
18) Hexachloroethane	7.310	117	93805	44.271	ng	94
19) n-Nitroso-di-n-propyla...	7.222	70	205345	47.236	ng	93
20) 3+4-Methylphenols	7.210	107	256559	50.632	ng	93
22) Acetophenone	7.216	105	354088	45.237	ng	96
24) Nitrobenzene	7.387	77	292860	46.605	ng	98
25) Isophorone	7.622	82	562295	45.700	ng	100
26) 2-Nitrophenol	7.698	139	104380	44.196	ng	99
27) 2,4-Dimethylphenol	7.739	122	210842	61.614	ng	96
28) bis(2-Chloroethoxy)met...	7.840	93	309954	47.820	ng	99
29) 2,4-Dichlorophenol	7.939	162	213128	51.741	ng	98
30) 1,2,4-Trichlorobenzene	8.022	180	241881	45.057	ng	99
31) Naphthalene	8.104	128	703071	44.478	ng	99
32) Benzoic acid	7.881	122	95302	50.000	ng	98
33) 4-Chloroaniline	8.151	127	115407	21.798	ng	98
34) Hexachlorobutadiene	8.222	225	156962	44.289	ng	99
35) Caprolactam	8.534	113	60427m	44.422	ng	
36) 4-Chloro-3-methylphenol	8.639	107	243745	48.316	ng	99
37) 2-Methylnaphthalene	8.792	142	486389	45.264	ng	98
38) 1-Methylnaphthalene	8.892	142	451732	44.782	ng	99
40) 1,2,4,5-Tetrachloroben...	8.963	216	249990	42.961	ng	97
41) Hexachlorocyclopentadiene	8.951	237	320773	116.753	ng	98
43) 2,4,6-Trichlorophenol	9.075	196	159139	48.520	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	166317	49.032	ng		98
46) 1,1'-Biphenyl	9.263	154	609101	44.222	ng		97
47) 2-Chloronaphthalene	9.286	162	459659	45.165	ng		100
48) 2-Nitroaniline	9.386	65	164044	50.884	ng		92
49) Acenaphthylene	9.704	152	704093	42.786	ng		99
50) Dimethylphthalate	9.569	163	557198	45.783	ng		99
51) 2,6-Dinitrotoluene	9.628	165	120842	48.158	ng		90
52) Acenaphthene	9.875	154	440608	45.016	ng		99
53) 3-Nitroaniline	9.798	138	71120	29.409	ng		100
54) 2,4-Dinitrophenol	9.904	184	90710	80.351	ng		96
55) Dibenzofuran	10.051	168	683152	44.462	ng		98
56) 4-Nitrophenol	9.969	139	177456	99.608	ng	#	88
57) 2,4-Dinitrotoluene	10.033	165	158661	49.549	ng		97
58) Fluorene	10.392	166	521208	43.155	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.163	232	164259m	49.163	ng		
60) Diethylphthalate	10.275	149	549042	45.460	ng		99
61) 4-Chlorophenyl-phenyle...	10.386	204	262045	43.475	ng		96
62) 4-Nitroaniline	10.422	138	106528m	46.429	ng		
63) Azobenzene	10.545	77	584107	44.404	ng		99
65) 4,6-Dinitro-2-methylph...	10.439	198	68197	41.857	ng		97
66) n-Nitrosodiphenylamine	10.510	169	478119	46.032	ng		100
67) 4-Bromophenyl-phenylether	10.880	248	177870	46.171	ng		96
68) Hexachlorobenzene	10.939	284	188551	44.272	ng	#	91
69) Atrazine	11.045	200	173663	48.426	ng		96
70) Pentachlorophenol	11.133	266	223961	94.998	ng		98
71) Phenanthrene	11.357	178	818265	45.183	ng		100
72) Anthracene	11.410	178	828339	44.320	ng		100
73) Carbazole	11.569	167	720338	45.510	ng		99
74) Di-n-butylphthalate	11.910	149	852435	47.155	ng		99
75) Fluoranthene	12.551	202	853114	43.884	ng		98
77) Benzidine	12.680	184	161511	38.667	ng		99
78) Pyrene	12.780	202	877681	46.575	ng		99
80) Butylbenzylphthalate	13.416	149	276460	48.115	ng		96
81) Benzo(a)anthracene	13.980	228	676140	46.206	ng		98
82) 3,3'-Dichlorobenzidine	13.945	252	149653	36.591	ng	#	97
83) Chrysene	14.016	228	663927	45.531	ng		99
84) Bis(2-ethylhexyl)phtha...	13.986	149	373210	55.889	ng		98
85) Di-n-octyl phthalate	14.604	149	552472	55.277	ng		99
87) Indeno(1,2,3-cd)pyrene	16.980	276	569269	47.781	ng		99
88) Benzo(b)fluoranthene	15.039	252	587360	50.431	ng		98
89) Benzo(k)fluoranthene	15.074	252	535037	45.508	ng		99
90) Benzo(a)pyrene	15.415	252	471035	44.836	ng		99
91) Dibenzo(a,h)anthracene	17.009	278	472283	49.584	ng		97
92) Benzo(g,h,i)perylene	17.445	276	462393	49.779	ng		99

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

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