Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020124\
Data File : BF137243.D
Acq On : 01 Feb 2024 20:54
Operator : CG\JU
Sample : P1307-02MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-614-COMP-01MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/02/2024
Supervised By :Sohil Jodhani 02/02/2024

Quant Time: Feb 02 01:17:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 31 04:56:22 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	58818	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	224123	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	122252	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	203599	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	148787	20.000	ng	# 0.00
86) Perylene-d12	15.451	264	133704	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	486771	136.559	ng	0.03
7) Phenol-d6	6.434	99	589025	115.791	ng	0.00
23) Nitrobenzene-d5	7.357	82	464390	92.768	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	180735	130.905	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	813791	91.507	ng	0.00
79) Terphenyl-d14	12.915	244	797776	72.892	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.781	88	72198	37.854	ng	# 81
3) Pyridine	3.481	79	121408	32.488	ng	100
4) n-Nitrosodimethylamine	3.428	42	96563	49.467	ng	95
6) Aniline	6.463	93	58269	10.700	ng	# 84
8) 2-Chlorophenol	6.581	128	190223	47.728	ng	93
9) Benzaldehyde	6.351	77	55502	28.650	ng	96
10) Phenol	6.445	94	215680	37.984	ng	99
11) bis(2-Chloroethyl)ether	6.534	93	187710	49.467	ng	97
12) 1,3-Dichlorobenzene	6.734	146	205738	44.027	ng	99
13) 1,4-Dichlorobenzene	6.810	146	214039	44.289	ng	98
14) 1,2-Dichlorobenzene	6.957	146	203486	45.033	ng	98
15) Benzyl Alcohol	6.939	79	191231	52.914	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.063	45	289224	42.311	ng	99
17) 2-Methylphenol	7.051	107	154467	46.390	ng	98
18) Hexachloroethane	7.298	117	76821	44.074	ng	92
19) n-Nitroso-di-n-propyla...	7.210	70	159561	45.747	ng	96
20) 3+4-Methylphenols	7.198	107	194418	46.123	ng	91
22) Acetophenone	7.204	105	286790	47.531	ng	97
24) Nitrobenzene	7.375	77	230852	47.513	ng	96
25) Isophorone	7.610	82	429651	46.499	ng	97
26) 2-Nitrophenol	7.686	139	93915	49.829	ng	91
27) 2,4-Dimethylphenol	7.728	122	133431	50.522	ng	99
28) bis(2-Chloroethoxy)met...	7.828	93	241787	49.276	ng	98
29) 2,4-Dichlorophenol	7.928	162	159954	48.821	ng	99
30) 1,2,4-Trichlorobenzene	8.010	180	189814	46.641	ng	96
31) Naphthalene	8.092	128	569330	46.988	ng	99
32) Benzoic acid	7.851	122	97164	51.417	ng	100
33) 4-Chloroaniline	8.151	127	15463	3.710	ng	95
34) Hexachlorobutadiene	8.210	225	126231	46.648	ng	97
35) Caprolactam	8.510	113	42385m	41.605	ng	
36) 4-Chloro-3-methylphenol	8.628	107	180162	46.557	ng	97
37) 2-Methylnaphthalene	8.786	142	375271	46.198	ng	98
38) 1-Methylnaphthalene	8.880	142	352095	46.668	ng	97
40) 1,2,4,5-Tetrachloroben...	8.951	216	198319	48.481	ng	99
41) Hexachlorocyclopentadiene	8.933	237	212409	109.021	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	122009	52.585	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	129887	51.215	ng		96
46) 1,1'-Biphenyl	9.251	154	477368	49.078	ng		99
47) 2-Chloronaphthalene	9.275	162	349217	48.513	ng		100
48) 2-Nitroaniline	9.375	65	118874	51.023	ng		96
49) Acenaphthylene	9.686	152	554313	48.101	ng		100
50) Dimethylphthalate	9.557	163	422905	51.205	ng		98
51) 2,6-Dinitrotoluene	9.616	165	93169	52.902	ng		92
52) Acenaphthene	9.863	154	328473	48.499	ng		98
53) 3-Nitroaniline	9.780	138	25373	16.009	ng		99
54) 2,4-Dinitrophenol	9.892	184	81383	100.365	ng	#	81
55) Dibenzofuran	10.033	168	513571	47.661	ng		99
56) 4-Nitrophenol	9.945	139	102317	87.109	ng		97
57) 2,4-Dinitrotoluene	10.022	165	117778	51.540	ng		86
58) Fluorene	10.374	166	386931	45.805	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	111854m	47.401	ng		
60) Diethylphthalate	10.257	149	403427	49.609	ng		100
61) 4-Chlorophenyl-phenyle...	10.374	204	197100	46.941	ng		97
62) 4-Nitroaniline	10.404	138	64239	42.345	ng		98
63) Azobenzene	10.533	77	410411	45.569	ng		96
65) 4,6-Dinitro-2-methylph...	10.427	198	59135	54.055	ng	#	77
66) n-Nitrosodiphenylamine	10.492	169	336584	54.370	ng		98
67) 4-Bromophenyl-phenylether	10.863	248	122851	54.876	ng		92
68) Hexachlorobenzene	10.922	284	124853	49.929	ng		99
69) Atrazine	11.027	200	107713	52.707	ng		96
70) Pentachlorophenol	11.121	266	152009	106.043	ng		96
71) Phenanthrene	11.339	178	521108	48.890	ng		100
72) Anthracene	11.392	178	530596	47.761	ng		99
73) Carbazole	11.551	167	429444	46.254	ng		98
74) Di-n-butylphthalate	11.892	149	550288	54.830	ng		99
75) Fluoranthene	12.533	202	517024	46.356	ng		99
77) Benzidine	12.674	184	24264	9.107	ng		98
78) Pyrene	12.763	202	523343	36.601	ng		99
80) Butylbenzylphthalate	13.398	149	211372	57.788	ng		99
81) Benzo(a)anthracene	13.962	228	513190	48.703	ng		100
82) 3,3'-Dichlorobenzidine	13.927	252	77511	26.999	ng		99
83) Chrysene	13.998	228	507541	48.993	ng		100
84) Bis(2-ethylhexyl)phtha...	13.962	149	296658	69.713	ng		99
85) Di-n-octyl phthalate	14.586	149	542908	80.237	ng		98
87) Indeno(1,2,3-cd)pyrene	16.945	276	336068	35.777	ng		100
88) Benzo(b)fluoranthene	15.015	252	462246	56.216	ng		99
89) Benzo(k)fluoranthene	15.051	252	449719	51.700	ng		99
90) Benzo(a)pyrene	15.386	252	379180	49.002	ng		100
91) Dibenzo(a,h)anthracene	16.968	278	275656	36.624	ng		98
92) Benzo(g,h,i)perylene	17.392	276	254659	34.473	ng		99

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

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