Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011823\
Data File : BF132130.D
Acq On : 18 Jan 2023 21:36
Operator : CG\JU
Sample : 01159-02MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-EMSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

Quant Time: Jan 19 05:23:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 19 00:42:19 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.095	152	224190	20.000	ng	0.00
21) Naphthalene-d8	8.383	136	800178	20.000	ng	0.00
39) Acenaphthene-d10	10.148	164	419808	20.000	ng	0.00
64) Phenanthrene-d10	11.648	188	810497	20.000	ng	0.00
76) Chrysene-d12	14.312	240	455665	20.000	ng	0.00
86) Perylene-d12	15.906	264	455144	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.742	112	1227075	97.378	ng	0.02
7) Phenol-d6	6.713	99	1525071	93.683	ng	0.00
23) Nitrobenzene-d5	7.660	82	1149414	76.247	ng	0.00
42) 2,4,6-Tribromophenol	10.948	330	528245	115.005	ng	0.00
45) 2-Fluorobiphenyl	9.460	172	1905164	78.960	ng	0.00
79) Terphenyl-d14	13.242	244	2133045	75.953	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.296	88	209103	31.683	ng	# 84
3) Pyridine	3.937	79	482106	27.281	ng	98
4) n-Nitrosodimethylamine	3.884	42	294030	34.429	ng	97
6) Aniline	6.760	93	321930	14.142	ng	99
8) 2-Chlorophenol	6.884	128	533113	39.750	ng	98
9) Benzaldehyde	6.648	77	192991	16.873	ng	96
10) Phenol	6.725	94	553807	33.061	ng	100
11) bis(2-Chloroethyl)ether	6.831	93	548272	38.488	ng	97
12) 1,3-Dichlorobenzene	7.042	146	537893	36.445	ng	99
13) 1,4-Dichlorobenzene	7.113	146	537333	36.372	ng	97
14) 1,2-Dichlorobenzene	7.266	146	524736	37.486	ng	98
15) Benzyl Alcohol	7.231	79	489906	37.862	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.366	45	788594	37.187	ng	98
17) 2-Methylphenol	7.336	107	418219	34.648	ng	99
18) Hexachloroethane	7.613	117	202890	37.262	ng	95
19) n-Nitroso-di-n-propyla...	7.507	70	364417	35.607	ng	100
20) 3+4-Methylphenols	7.489	107	515306	34.395	ng	93
22) Acetophenone	7.507	105	690529	37.411	ng	97
24) Nitrobenzene	7.683	77	591276	37.458	ng	96
25) Isophorone	7.919	82	1091969	36.202	ng	98
26) 2-Nitrophenol	7.995	139	271338	42.189	ng	96
27) 2,4-Dimethylphenol	8.019	122	474824	37.033	ng	99
28) bis(2-Chloroethoxy)met...	8.125	93	645453	37.316	ng	99
29) 2,4-Dichlorophenol	8.236	162	458442	38.155	ng	99
30) 1,2,4-Trichlorobenzene	8.319	180	501743	38.214	ng	100
31) Naphthalene	8.407	128	1454284	37.017	ng	100
32) Benzoic acid	8.125	122	293966	33.374	ng	96
33) 4-Chloroaniline	8.442	127	64793	3.756	ng	95
34) Hexachlorobutadiene	8.519	225	329634	38.070	ng	98
35) Caprolactam	8.819	113	126208m	32.325	ng	
36) 4-Chloro-3-methylphenol	8.919	107	478096	38.160	ng	96
37) 2-Methylnaphthalene	9.101	142	967074	35.349	ng	100
38) 1-Methylnaphthalene	9.201	142	908565	35.347	ng	99
40) 1,2,4,5-Tetrachloroben...	9.266	216	514371	38.121	ng	99
41) Hexachlorocyclopentadiene	9.254	237	575143	80.211	ng	99
43) 2,4,6-Trichlorophenol	9.372	196	351415	40.524	ng	99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.413	196	390195	36.821	ng		97
46)	1,1'-Biphenyl	9.566	154	1180331	38.082	ng		99
47)	2-Chloronaphthalene	9.595	162	939222	38.835	ng		99
48)	2-Nitroaniline	9.683	65	319630	38.767	ng		97
49)	Acenaphthylene	10.013	152	1473341	37.594	ng		99
50)	Dimethylphthalate	9.860	163	1149425	37.664	ng		99
51)	2,6-Dinitrotoluene	9.924	165	257037	39.593	ng		92
52)	Acenaphthene	10.183	154	952396	40.130	ng		99
53)	3-Nitroaniline	10.095	138	110341	16.055	ng		92
54)	2,4-Dinitrophenol	10.201	184	195044	70.711	ng		91
55)	Dibenzofuran	10.360	168	1356852	37.157	ng		98
56)	4-Nitrophenol	10.242	139	351357	71.556	ng		89
57)	2,4-Dinitrotoluene	10.330	165	329343	41.072	ng		93
58)	Fluorene	10.701	166	1001892	36.996	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.472	232	325393	39.012	ng		100
60)	Diethylphthalate	10.566	149	1137207	37.215	ng		99
61)	4-Chlorophenyl-phenyle...	10.689	204	540612	37.141	ng		96
62)	4-Nitroaniline	10.719	138	219505	35.417	ng		92
63)	Azobenzene	10.854	77	1093582	36.740	ng		97
65)	4,6-Dinitro-2-methylph...	10.736	198	142096	37.700	ng		94
66)	n-Nitrosodiphenylamine	10.813	169	910637	37.437	ng		99
67)	4-Bromophenyl-phenylether	11.183	248	357737	38.856	ng		96
68)	Hexachlorobenzene	11.254	284	377685	40.774	ng		96
69)	Atrazine	11.336	200	330054	40.320	ng		97
70)	Pentachlorophenol	11.448	266	428399	67.317	ng		98
71)	Phenanthrene	11.677	178	1514602	37.802	ng		99
72)	Anthracene	11.730	178	1528585	37.521	ng		99
73)	Carbazole	11.877	167	1329596	37.403	ng		99
74)	Di-n-butylphthalate	12.201	149	1690518	39.161	ng		100
75)	Fluoranthene	12.871	202	1615132	37.633	ng		98
77)	Benzidine	12.983	184	290143	23.646	ng		98
78)	Pyrene	13.107	202	1628927	37.348	ng		100
80)	Butylbenzylphthalate	13.718	149	633137	41.182	ng		96
81)	Benzo(a)anthracene	14.301	228	1213132	38.092	ng		100
82)	3,3'-Dichlorobenzidine	14.254	252	168502	19.891	ng	#	98
83)	Chrysene	14.342	228	1124780	37.570	ng		98
84)	Bis(2-ethylhexyl)phtha...	14.271	149	857786	42.663	ng		98
85)	Di-n-octyl phthalate	14.912	149	1280230	48.554	ng		99
87)	Indeno(1,2,3-cd)pyrene	17.577	276	1204721	44.923	ng		100
88)	Benzo(b)fluoranthene	15.430	252	1107137	38.664	ng		99
89)	Benzo(k)fluoranthene	15.465	252	1097825	38.326	ng		99
90)	Benzo(a)pyrene	15.842	252	970251	37.481	ng		99
91)	Dibenzo(a,h)anthracene	17.600	278	974093	45.204	ng		99
92)	Benzo(g,h,i)perylene	18.089	276	1009137	44.948	ng		99

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

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