Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
Data File : BF136731.D
Acq On : 26 Dec 2023 21:34
Operator : CG\JU
Sample : 05765-03MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 27 03:59:04 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.787	152	65740	20.000	ng		0.00
21) Naphthalene-d8	8.063	136	251649	20.000	ng		0.00
39) Acenaphthene-d10	9.822	164	114232	20.000	ng		0.00
64) Phenanthrene-d10	11.316	188	170592	20.000	ng		0.00
76) Chrysene-d12	13.974	240	122742	20.000	ng	#	0.00
86) Perylene-d12	15.451	264	118946	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	177559	42.142	ng		0.03
7) Phenol-d6	6.440	99	374309	68.562	ng		0.00
23) Nitrobenzene-d5	7.351	82	258765	52.618	ng		0.00
42) 2,4,6-Tribromophenol	10.616	330	29993	22.294	ng		0.00
45) 2-Fluorobiphenyl	9.139	172	430033	50.633	ng		-0.01
79) Terphenyl-d14	12.904	244	320021	36.436	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.599	88	66124	37.666	ng		97
3) Pyridine	3.840	79	161752m	37.764	ng		
4) n-Nitrosodimethylamine	4.046	42	109260m	47.767	ng		
6) Aniline	6.457	93	131640	24.117	ng	#	56
8) 2-Chlorophenol	6.581	128	193737	42.018	ng		94
9) Benzaldehyde	6.345	77	65343	21.042	ng		95
10) Phenol	6.451	94	235432	40.397	ng		96
11) bis(2-Chloroethyl)ether	6.528	93	179252	40.444	ng		98
12) 1,3-Dichlorobenzene	6.734	146	198193	39.403	ng		95
13) 1,4-Dichlorobenzene	6.804	146	203815	39.657	ng		98
14) 1,2-Dichlorobenzene	6.957	146	193876	40.540	ng		99
15) Benzyl Alcohol	6.934	79	162152	44.025	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.063	45	288176	39.769	ng		99
17) 2-Methylphenol	7.051	107	152952	40.043	ng		97
18) Hexachloroethane	7.292	117	72148	38.655	ng		97
19) n-Nitroso-di-n-propyla...	7.198	70	133050	40.203	ng		99
20) 3+4-Methylphenols	7.204	107	192749	40.391	ng	#	64
22) Acetophenone	7.192	105	274566	43.530	ng	#	92
24) Nitrobenzene	7.369	77	195152	39.614	ng		96
25) Isophorone	7.604	82	366356	40.941	ng		98
26) 2-Nitrophenol	7.681	139	94803	40.222	ng		95
27) 2,4-Dimethylphenol	7.722	122	126140	43.959	ng		100
28) bis(2-Chloroethoxy)met...	7.816	93	223780	41.141	ng		100
29) 2,4-Dichlorophenol	7.928	162	154988	41.954	ng		97
30) 1,2,4-Trichlorobenzene	8.004	180	165929	40.313	ng		97
31) Naphthalene	8.087	128	1090986	78.914	ng		100
32) Benzoic acid	7.822	122	63191m	22.760	ng		
33) 4-Chloroaniline	8.134	127	83593	16.377	ng		98
34) Hexachlorobutadiene	8.198	225	97698	39.067	ng		99
35) Caprolactam	8.516	113	46186	37.898	ng		96
36) 4-Chloro-3-methylphenol	8.628	107	163738	39.371	ng		98
37) 2-Methylnaphthalene	8.781	142	681823	76.633	ng		99
38) 1-Methylnaphthalene	8.875	142	338130	38.736	ng		99
40) 1,2,4,5-Tetrachloroben...	8.939	216	172255	48.691	ng		99
41) Hexachlorocyclopentadiene	8.928	237	36474	35.254	ng		95
43) 2,4,6-Trichlorophenol	9.057	196	101449	44.715	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	105999	41.926	ng		94
46) 1,1'-Biphenyl	9.239	154	449800	46.924	ng		99
47) 2-Chloronaphthalene	9.269	162	316097	43.377	ng		97
48) 2-Nitroaniline	9.369	65	101084	44.296	ng		94
49) Acenaphthylene	9.686	152	1007664	90.467	ng		99
50) Dimethylphthalate	9.545	163	374633	44.900	ng		99
51) 2,6-Dinitrotoluene	9.616	165	82269	43.445	ng		94
52) Acenaphthene	9.857	154	565164	81.854	ng		99
53) 3-Nitroaniline	9.781	138	75208	37.492	ng		97
54) 2,4-Dinitrophenol	9.892	184	4870	8.159	ng	#	83
55) Dibenzofuran	10.028	168	440472	42.085	ng		100
56) 4-Nitrophenol	9.957	139	93114	68.763	ng		93
57) 2,4-Dinitrotoluene	10.016	165	96397	39.213	ng		97
58) Fluorene	10.375	166	653341	78.672	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	70421	36.184	ng	#	98
60) Diethylphthalate	10.245	149	352776	40.749	ng		99
61) 4-Chlorophenyl-phenyle...	10.363	204	159196	39.438	ng		97
62) 4-Nitroaniline	10.398	138	71250	36.845	ng		91
63) Azobenzene	10.528	77	318567	39.398	ng		98
65) 4,6-Dinitro-2-methylph...	10.428	198	6202	6.344	ng	#	59
66) n-Nitrosodiphenylamine	10.486	169	288468	52.055	ng		100
67) 4-Bromophenyl-phenylether	10.857	248	88664	46.799	ng		97
68) Hexachlorobenzene	10.922	284	94023	44.533	ng		97
69) Atrazine	11.022	200	87666	61.851	ng		95
70) Pentachlorophenol	11.122	266	73067	74.247	ng		94
71) Phenanthrene	11.345	178	819711	93.647	ng		99
72) Anthracene	11.398	178	786791	88.756	ng		99
73) Carbazole	11.551	167	360471	43.130	ng		98
74) Di-n-butylphthalate	11.880	149	477320	46.803	ng		100
75) Fluoranthene	12.539	202	825184	88.133	ng		98
77) Benzidine	12.657	184	44417	12.273	ng	#	93
78) Pyrene	12.769	202	841521	69.840	ng		99
80) Butylbenzylphthalate	13.386	149	180126	41.084	ng		99
81) Benzo(a)anthracene	13.963	228	800151	93.881	ng		99
82) 3,3'-Dichlorobenzidine	13.927	252	94788	39.161	ng		97
83) Chrysene	14.004	228	748991	89.864	ng		99
84) Bis(2-ethylhexyl)phtha...	13.951	149	253484	45.952	ng	#	97
85) Di-n-octyl phthalate	14.568	149	476569	55.851	ng		99
87) Indeno(1,2,3-cd)pyrene	16.957	276	564516	65.733	ng		99
88) Benzo(b)fluoranthene	15.021	252	818492	103.026	ng		99
89) Benzo(k)fluoranthene	15.057	252	627442	83.583	ng		99
90) Benzo(a)pyrene	15.392	252	615807	91.829	ng		99
91) Dibenzo(a,h)anthracene	16.980	278	462284	65.613	ng		98
92) Benzo(g,h,i)perylene	17.415	276	425977	59.030	ng		99

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

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