Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112823\
Data File : BF136272.D
Acq On : 29 Nov 2023 03:30
Operator : CG\JU
Sample : 05553-01MSD 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-01-112723MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 12/01/2023

Quant Time: Nov 29 03:50:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 28 03:04:20 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.804	152	95164	20.000	ng		0.00
21) Naphthalene-d8	8.080	136	321469	20.000	ng		0.00
39) Acenaphthene-d10	9.839	164	142259	20.000	ng		0.00
64) Phenanthrene-d10	11.333	188	304103	20.000	ng		0.00
76) Chrysene-d12	13.986	240	221536	20.000	ng		0.00
86) Perylene-d12	15.468	264	151362	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	126642	18.522	ng		0.00
7) Phenol-d6	6.434	99	139648	16.335	ng		-0.01
23) Nitrobenzene-d5	7.363	82	81684	13.427	ng		-0.01
42) 2,4,6-Tribromophenol	10.627	330	35443	20.379	ng		-0.01
45) 2-Fluorobiphenyl	9.157	172	150909	13.550	ng		-0.01
79) Terphenyl-d14	12.927	244	214406	11.164	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.563	88	23983	9.270	ng		98
3) Pyridine	3.340	79	51363	8.043	ng		99
4) n-Nitrosodimethylamine	3.269	42	27361m	8.476	ng		
6) Aniline	6.469	93	56731	7.021	ng		94
8) 2-Chlorophenol	6.586	128	63361	8.511	ng		98
9) Benzaldehyde	6.357	77	9556	2.006	ng		98
10) Phenol	6.445	94	76568	8.348	ng		93
11) bis(2-Chloroethyl)ether	6.539	93	59905	8.903	ng		96
12) 1,3-Dichlorobenzene	6.745	146	69396	8.214	ng		98
13) 1,4-Dichlorobenzene	6.822	146	72701	8.465	ng		97
14) 1,2-Dichlorobenzene	6.975	146	66220	8.144	ng		98
15) Benzyl Alcohol	6.945	79	48327	8.063	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.081	45	81449	8.715	ng		97
17) 2-Methylphenol	7.051	107	46242	7.901	ng		99
18) Hexachloroethane	7.316	117	20437	6.784	ng		91
19) n-Nitroso-di-n-propyla...	7.210	70	41780	8.171	ng		97
20) 3+4-Methylphenols	7.204	107	59210	7.784	ng		98
22) Acetophenone	7.210	105	87806	10.400	ng	#	90
24) Nitrobenzene	7.381	77	57829	9.380	ng		95
25) Isophorone	7.616	82	107625	9.811	ng		98
26) 2-Nitrophenol	7.698	139	23282	8.864	ng		99
27) 2,4-Dimethylphenol	7.733	122	42906	12.410	ng		91
28) bis(2-Chloroethoxy)met...	7.833	93	65821	9.920	ng		98
29) 2,4-Dichlorophenol	7.939	162	39805	8.536	ng		96
30) 1,2,4-Trichlorobenzene	8.022	180	51900	9.090	ng		99
31) Naphthalene	8.104	128	167064	9.246	ng		96
32) Benzoic acid	7.792	122	24376	7.736	ng		94
33) 4-Chloroaniline	8.151	127	42218	6.874	ng		95
34) Hexachlorobutadiene	8.222	225	30380	9.095	ng		94
35) Caprolactam	8.486	113	12327	9.456	ng		97
36) 4-Chloro-3-methylphenol	8.628	107	41916	8.288	ng		98
37) 2-Methylnaphthalene	8.798	142	97443	8.597	ng		93
38) 1-Methylnaphthalene	8.892	142	94141	8.514	ng		92
40) 1,2,4,5-Tetrachloroben...	8.963	216	45458	10.041	ng		97
41) Hexachlorocyclopentadiene	8.945	237	3925	2.253	ng		94
43) 2,4,6-Trichlorophenol	9.075	196	26826m	9.129	ng		

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44) 2,4,5-Trichlorophenol	9.110	196	29411	9.171	ng		97
46) 1,1'-Biphenyl	9.257	154	127903	10.195	ng		91
47) 2-Chloronaphthalene	9.286	162	91892	9.432	ng		96
48) 2-Nitroaniline	9.380	65	26080	10.253	ng		89
49) Acenaphthylene	9.698	152	142851	10.275	ng		97
50) Dimethylphthalate	9.557	163	106636	9.918	ng		98
51) 2,6-Dinitrotoluene	9.622	165	18785	8.552	ng		95
52) Acenaphthene	9.874	154	86121	9.802	ng		87
53) 3-Nitroaniline	9.786	138	20943	9.609	ng	#	99
55) Dibenzofuran	10.045	168	131074	10.026	ng		96
56) 4-Nitrophenol	9.945	139	35103	21.206	ng		90
57) 2,4-Dinitrotoluene	10.027	165	24643	8.399	ng		98
58) Fluorene	10.386	166	105593	10.297	ng	#	92
59) 2,3,4,6-Tetrachlorophenol	10.163	232	25815	10.117	ng		99
60) Diethylphthalate	10.263	149	103265	9.601	ng		98
61) 4-Chlorophenyl-phenyle...	10.386	204	48890	9.817	ng		96
62) 4-Nitroaniline	10.398	138	23933	11.218	ng		94
63) Azobenzene	10.545	77	94322	9.459	ng		93
66) n-Nitrosodiphenylamine	10.498	169	90020	9.237	ng		92
67) 4-Bromophenyl-phenylether	10.874	248	30959	8.726	ng		92
68) Hexachlorobenzene	10.939	284	35644	8.681	ng		97
69) Atrazine	11.027	200	32228	11.148	ng		97
70) Pentachlorophenol	11.133	266	40744	17.554	ng		97
71) Phenanthrene	11.357	178	180011	10.532	ng		98
72) Anthracene	11.404	178	178284	10.402	ng		98
73) Carbazole	11.563	167	153511	10.530	ng		98
74) Di-n-butylphthalate	11.904	149	193871	10.629	ng		99
75) Fluoranthene	12.551	202	215423	12.415	ng		97
77) Benzidine	12.674	184	63430	17.418	ng		99
78) Pyrene	12.780	202	217370	8.959	ng		97
80) Butylbenzylphthalate	13.410	149	88298	11.694	ng		96
81) Benzo(a)anthracene	13.974	228	162760	9.891	ng		96
82) 3,3'-Dichlorobenzidine	13.945	252	42412	10.707	ng		95
83) Chrysene	14.010	228	149618	9.417	ng		96
84) Bis(2-ethylhexyl)phtha...	13.974	149	126140	13.920	ng	#	98
85) Di-n-octyl phthalate	14.598	149	197266	17.124	ng	#	97
87) Indeno(1,2,3-cd)pyrene	16.974	276	92745	10.419	ng		95
88) Benzo(b)fluoranthene	15.033	252	102116	9.616	ng	#	96
89) Benzo(k)fluoranthene	15.062	252	98134	9.730	ng	#	95
90) Benzo(a)pyrene	15.404	252	82999	9.561	ng	#	89
91) Dibenzo(a,h)anthracene	16.998	278	77199	10.734	ng		95
92) Benzo(g,h,i)perylene	17.427	276	76333	9.946	ng		95

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

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