Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122723\
Data File : BF136778.D
Acq On : 28 Dec 2023 01:37
Operator : CG\JU
Sample : 05853-04MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Dec 28 01:59:02 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 :
EAST-WALLMSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel
12/28/2023
Supervised By :mohammad ahmed
12/28/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.787	152	73387	20.000	ng		0.00
21) Naphthalene-d8	8.063	136	278296	20.000	ng		0.00
39) Acenaphthene-d10	9.822	164	134478	20.000	ng		0.00
64) Phenanthrene-d10	11.310	188	218363	20.000	ng		0.00
76) Chrysene-d12	13.969	240	143675	20.000	ng	#	0.00
86) Perylene-d12	15.445	264	155513	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	403000	85.682	ng		0.00
7) Phenol-d6	6.434	99	503163	82.560	ng		0.00
23) Nitrobenzene-d5	7.345	82	320287	58.892	ng		-0.01
42) 2,4,6-Tribromophenol	10.616	330	119750	75.610	ng		0.00
45) 2-Fluorobiphenyl	9.139	172	635785	63.588	ng		-0.01
79) Terphenyl-d14	12.904	244	492167	47.871	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.605	88	71765	36.620	ng		99
3) Pyridine	3.363	79	172440	36.064	ng		92
4) n-Nitrosodimethylamine	3.328	42	102421	40.111	ng		97
6) Aniline	6.451	93	172991	28.390	ng	#	35
8) 2-Chlorophenol	6.575	128	221147	42.965	ng		94
9) Benzaldehyde	6.340	77	55685	16.063	ng		97
10) Phenol	6.445	94	262628	40.367	ng		96
11) bis(2-Chloroethyl)ether	6.522	93	204518	41.336	ng		99
12) 1,3-Dichlorobenzene	6.728	146	224364	39.958	ng		96
13) 1,4-Dichlorobenzene	6.804	146	228015	39.743	ng		96
14) 1,2-Dichlorobenzene	6.951	146	217046	40.656	ng		99
15) Benzyl Alcohol	6.934	79	179356	43.622	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.063	45	330276	40.830	ng		99
17) 2-Methylphenol	7.045	107	172333	40.415	ng		99
18) Hexachloroethane	7.287	117	80440	38.606	ng		97
19) n-Nitroso-di-n-propyla...	7.198	70	151692	41.059	ng		99
20) 3+4-Methylphenols	7.198	107	213934	40.159	ng	#	87
22) Acetophenone	7.192	105	304093	43.595	ng	#	92
24) Nitrobenzene	7.369	77	219218	40.238	ng		96
25) Isophorone	7.604	82	405250	40.951	ng		100
26) 2-Nitrophenol	7.681	139	106230	40.755	ng		97
27) 2,4-Dimethylphenol	7.722	122	164493	51.836	ng		96
28) bis(2-Chloroethoxy)met...	7.816	93	254562	42.319	ng		99
29) 2,4-Dichlorophenol	7.928	162	170450	41.722	ng		97
30) 1,2,4-Trichlorobenzene	8.004	180	187955	41.292	ng		99
31) Naphthalene	8.087	128	628857	41.132	ng		99
32) Benzoic acid	7.840	122	81366m	26.500	ng		
33) 4-Chloroaniline	8.134	127	98456	17.442	ng		97
34) Hexachlorobutadiene	8.198	225	110203	39.848	ng		100
35) Caprolactam	8.516	113	49754	36.916	ng		97
36) 4-Chloro-3-methylphenol	8.628	107	183486	39.895	ng		98
37) 2-Methylnaphthalene	8.775	142	393441	39.986	ng		100
38) 1-Methylnaphthalene	8.875	142	375320	38.880	ng		100
40) 1,2,4,5-Tetrachloroben...	8.939	216	195655	46.979	ng		99
41) Hexachlorocyclopentadiene	8.922	237	57119	45.279	ng		99
43) 2,4,6-Trichlorophenol	9.057	196	114244	42.773	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	119570	40.173	ng	94
46) 1,1'-Biphenyl	9.239	154	515095	45.645	ng	99
47) 2-Chloronaphthalene	9.269	162	368526	42.958	ng	97
48) 2-Nitroaniline	9.369	65	117143	43.605	ng	95
49) Acenaphthylene	9.681	152	600434	45.790	ng	99
50) Dimethylphthalate	9.545	163	440159	44.811	ng	99
51) 2,6-Dinitrotoluene	9.610	165	93629	42.000	ng	89
52) Acenaphthene	9.851	154	341680	42.036	ng	99
53) 3-Nitroaniline	9.781	138	76077	32.216	ng	93
54) 2,4-Dinitrophenol	9.892	184	16903	16.777	ng	90
55) Dibenzofuran	10.028	168	521783	42.348	ng	98
56) 4-Nitrophenol	9.957	139	105047	65.896	ng	96
57) 2,4-Dinitrotoluene	10.016	165	114949	39.720	ng	99
58) Fluorene	10.369	166	403401	41.262	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.145	232	84827	37.024	ng	98
60) Diethylphthalate	10.245	149	435130	42.695	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	193481	40.715	ng	97
62) 4-Nitroaniline	10.398	138	78692m	34.567	ng	
63) Azobenzene	10.522	77	386335	40.586	ng	98
65) 4,6-Dinitro-2-methylph...	10.428	198	16300	13.025	ng	92
66) n-Nitrosodiphenylamine	10.486	169	358338	50.517	ng	98
67) 4-Bromophenyl-phenylether	10.857	248	112488	46.385	ng	93
68) Hexachlorobenzene	10.922	284	119004	44.034	ng	94
69) Atrazine	11.016	200	108343	59.717	ng	99
70) Pentachlorophenol	11.122	266	91202	72.401	ng	95
71) Phenanthrene	11.339	178	609387	54.388	ng	99
72) Anthracene	11.386	178	538950	47.497	ng	99
73) Carbazole	11.545	167	453738	42.413	ng	99
74) Di-n-butylphthalate	11.880	149	619987	47.493	ng	99
75) Fluoranthene	12.533	202	646732	53.963	ng	99
77) Benzidine	12.657	184	116663	27.538	ng	99
78) Pyrene	12.763	202	621606	44.073	ng	99
80) Butylbenzylphthalate	13.386	149	211589	41.229	ng	98
81) Benzo(a)anthracene	13.957	228	515339	51.655	ng	97
82) 3,3'-Dichlorobenzidine	13.921	252	135048	47.665	ng	98
83) Chrysene	13.998	228	482002	49.405	ng	99
84) Bis(2-ethylhexyl)phtha...	13.945	149	309382	47.913	ng	99
85) Di-n-octyl phthalate	14.563	149	555711	55.637	ng	98
87) Indeno(1,2,3-cd)pyrene	16.957	276	392194	34.929	ng	99
88) Benzo(b)fluoranthene	15.015	252	559175	53.835	ng	99
89) Benzo(k)fluoranthene	15.045	252	408804	41.653	ng	99
90) Benzo(a)pyrene	15.386	252	424360	48.401	ng	99
91) Dibenzo(a,h)anthracene	16.968	278	318454	34.571	ng	98
92) Benzo(g,h,i)perylene	17.409	276	302864	32.101	ng	98

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

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