Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072924\
Data File : BF138676.D
Acq On : 29 Jul 2024 18:45
Operator : RC/JU
Sample : P3362-04MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11978MS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024

Quant Time: Jul 30 01:00:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 16:58:40 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.851	152	100544	20.000	ng		-0.02
21) Naphthalene-d8	8.134	136	393088	20.000	ng		-0.02
39) Acenaphthene-d10	9.892	164	179547	20.000	ng		-0.01
64) Phenanthrene-d10	11.380	188	247357	20.000	ng		0.00
76) Chrysene-d12	14.021	240	167702	20.000	ng	#	0.00
86) Perylene-d12	15.492	264	108927	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	694990	109.474	ng		0.00
7) Phenol-d6	6.492	99	921185	109.076	ng		-0.01
23) Nitrobenzene-d5	7.416	82	598444	74.747	ng		-0.02
42) 2,4,6-Tribromophenol	10.686	330	156718	93.393	ng		0.00
45) 2-Fluorobiphenyl	9.210	172	964159	83.927	ng		-0.02
79) Terphenyl-d14	12.963	244	742413	72.121	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.705	88	111925	39.807	ng		98
3) Pyridine	3.452	79	290761	41.934	ng		95
4) n-Nitrosodimethylamine	3.410	42	198862	44.057	ng		88
6) Aniline	6.516	93	144414	18.257	ng	#	1
8) 2-Chlorophenol	6.640	128	318089	47.385	ng		99
9) Benzaldehyde	6.398	77	21900	4.845	ng		96
10) Phenol	6.510	94	404242	45.095	ng		97
11) bis(2-Chloroethyl)ether	6.587	93	321139	47.582	ng		98
12) 1,3-Dichlorobenzene	6.792	146	329721	43.697	ng		98
13) 1,4-Dichlorobenzene	6.869	146	336037	43.856	ng		99
14) 1,2-Dichlorobenzene	7.016	146	314479	44.066	ng		97
15) Benzyl Alcohol	6.998	79	294902	46.529	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.122	45	569884	42.937	ng		71
17) 2-Methylphenol	7.110	107	253217	46.026	ng	#	94
18) Hexachloroethane	7.357	117	114075	40.497	ng		95
19) n-Nitroso-di-n-propyla...	7.263	70	241953	46.366	ng		93
20) 3+4-Methylphenols	7.263	107	320124	46.208	ng		94
22) Acetophenone	7.263	105	406959	42.627	ng		97
24) Nitrobenzene	7.434	77	358671	44.084	ng		98
25) Isophorone	7.675	82	644125	46.848	ng		99
26) 2-Nitrophenol	7.751	139	157988	45.306	ng		99
27) 2,4-Dimethylphenol	7.792	122	214970	50.158	ng		97
28) bis(2-Chloroethoxy)met...	7.881	93	393511	47.890	ng		99
29) 2,4-Dichlorophenol	7.998	162	240700	43.248	ng		98
30) 1,2,4-Trichlorobenzene	8.075	180	267983	41.332	ng		99
31) Naphthalene	8.157	128	897144	43.884	ng		100
32) Benzoic acid	7.922	122	119555m	29.247	ng		
33) 4-Chloroaniline	8.210	127	79251	11.048	ng		98
34) Hexachlorobutadiene	8.263	225	159389	39.922	ng		99
35) Caprolactam	8.586	113	68612m	38.204	ng		
36) 4-Chloro-3-methylphenol	8.698	107	264248	42.410	ng		98
37) 2-Methylnaphthalene	8.845	142	559129	42.500	ng		99
38) 1-Methylnaphthalene	8.945	142	507413	39.519	ng		98
40) 1,2,4,5-Tetrachloroben...	9.016	216	228761	45.715	ng		100
41) Hexachlorocyclopentadiene	8.998	237	47966	29.531	ng		100
43) 2,4,6-Trichlorophenol	9.133	196	147889	46.331	ng		99

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44) 2,4,5-Trichlorophenol	9.181	196	147031	41.879	ng		94
46) 1,1'-Biphenyl	9.316	154	646613	47.521	ng		99
47) 2-Chloronaphthalene	9.339	162	484939	47.176	ng		100
48) 2-Nitroaniline	9.439	65	176905	49.663	ng		98
49) Acenaphthylene	9.757	152	743977	50.977	ng		100
50) Dimethylphthalate	9.616	163	596136	51.347	ng		100
51) 2,6-Dinitrotoluene	9.681	165	117828	44.079	ng		93
52) Acenaphthene	9.928	154	441480m	45.508	ng		
53) 3-Nitroaniline	9.851	138	79188	28.903	ng		95
54) 2,4-Dinitrophenol	9.963	184	32195	25.800	ng		93
55) Dibenzofuran	10.098	168	603022	42.855	ng		99
56) 4-Nitrophenol	10.022	139	135566	67.060	ng		94
57) 2,4-Dinitrotoluene	10.086	165	133384	38.565	ng		95
58) Fluorene	10.439	166	463631	41.641	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	102845	37.118	ng		97
60) Diethylphthalate	10.316	149	501829	44.837	ng		100
61) 4-Chlorophenyl-phenyle...	10.433	204	226248	40.468	ng		96
62) 4-Nitroaniline	10.463	138	94716	34.499	ng		95
63) Azobenzene	10.592	77	519672	43.186	ng		97
65) 4,6-Dinitro-2-methylph...	10.492	198	30994	21.701	ng		81
66) n-Nitrosodiphenylamine	10.551	169	392442	52.954	ng		98
67) 4-Bromophenyl-phenylether	10.922	248	127658	50.212	ng		97
68) Hexachlorobenzene	10.986	284	130645	46.256	ng		95
69) Atrazine	11.080	200	105204	42.817	ng		97
70) Pentachlorophenol	11.186	266	134354	80.391	ng		97
71) Phenanthrene	11.404	178	744429	59.570	ng		100
72) Anthracene	11.457	178	636699	51.326	ng		99
73) Carbazole	11.616	167	531135	47.644	ng		100
74) Di-n-butylphthalate	11.939	149	645044	50.198	ng		99
75) Fluoranthene	12.598	202	1154193	90.514	ng		96
77) Benzidine	12.716	184	89702	21.201	ng		98
78) Pyrene	12.827	202	1067749	62.720	ng		99
80) Butylbenzylphthalate	13.439	149	278166	54.317	ng		99
81) Benzo(a)anthracene	14.016	228	777953	69.134	ng		98
82) 3,3'-Dichlorobenzidine	13.974	252	102269	35.270	ng	#	97
83) Chrysene	14.051	228	590461	55.467	ng		100
84) Bis(2-ethylhexyl)phtha...	13.992	149	413224	75.657	ng		99
85) Di-n-octyl phthalate	14.610	149	560581m	64.970	ng		
87) Indeno(1,2,3-cd)pyrene	16.968	276	349751	47.802	ng		99
88) Benzo(b)fluoranthene	15.063	252	492347	80.259	ng		100
89) Benzo(k)fluoranthene	15.092	252	301993	50.476	ng		99
90) Benzo(a)pyrene	15.427	252	331002	61.423	ng		98
91) Dibenzo(a,h)anthracene	16.980	278	263581	44.040	ng		99
92) Benzo(g,h,i)perylene	17.415	276	276782	43.612	ng		96

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

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