Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120424\
Data File : BF140729.D
Acq On : 04 Dec 2024 16:28
Operator : RC/JU
Sample : P5052-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-50MS

Quant Time: Dec 04 16:50:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	69183	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	264183	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	148306	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	284692	20.000	ng		0.00
76) Chrysene-d12	14.057	240	160537	20.000	ng		0.00
86) Perylene-d12	15.568	264	140702	20.000	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	594880	146.711	ng		0.02
7) Phenol-d6	6.516	99	751305	140.156	ng		0.00
23) Nitrobenzene-d5	7.434	82	498318	96.483	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	247124	155.802	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	982212	98.677	ng		-0.01
79) Terphenyl-d14	12.986	244	1050017	101.847	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.857	88	74982	43.982	ng	#	83
3) Pyridine	3.593	79	54854	14.624	ng		100
4) n-Nitrosodimethylamine	3.499	42	106354	48.242	ng		93
6) Aniline	6.540	93	62083	16.454	ng	#	1
8) 2-Chlorophenol	6.663	128	234938	53.856	ng		96
9) Benzaldehyde	6.428	77	48245	17.001	ng		98
10) Phenol	6.528	94	282333	51.573	ng		89
11) bis(2-Chloroethyl)ether	6.604	93	216920	51.781	ng		99
12) 1,3-Dichlorobenzene	6.810	146	237280	48.408	ng		99
13) 1,4-Dichlorobenzene	6.887	146	242854	48.931	ng		99
14) 1,2-Dichlorobenzene	7.040	146	231231	49.720	ng		99
15) Benzyl Alcohol	7.016	79	217415	54.691	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.140	45	260389	52.614	ng		77
17) 2-Methylphenol	7.134	107	187171	53.600	ng		97
18) Hexachloroethane	7.375	117	89573	48.322	ng		97
19) n-Nitroso-di-n-propyla...	7.287	70	169004	53.346	ng		96
20) 3+4-Methylphenols	7.287	107	247632	55.171	ng		94
22) Acetophenone	7.281	105	325588	50.552	ng		97
24) Nitrobenzene	7.457	77	258323	48.393	ng		98
25) Isophorone	7.692	82	460961	53.510	ng		100
26) 2-Nitrophenol	7.769	139	127724	53.993	ng		98
27) 2,4-Dimethylphenol	7.810	122	193230m	68.271	ng		
28) bis(2-Chloroethoxy)met...	7.898	93	272512	51.927	ng		99
29) 2,4-Dichlorophenol	8.016	162	203998	54.393	ng		98
30) 1,2,4-Trichlorobenzene	8.092	180	204808	47.828	ng		99
31) Naphthalene	8.175	128	683791	50.250	ng		100
32) Benzoic acid	7.928	122	50027	24.460	ng		96
33) 4-Chloroaniline	8.228	127	56195	13.793	ng		98
34) Hexachlorobutadiene	8.281	225	137455	48.463	ng		99
35) Caprolactam	8.604	113	51927m	44.740	ng		
36) 4-Chloro-3-methylphenol	8.716	107	230997	55.011	ng		100
37) 2-Methylnaphthalene	8.863	142	460171	53.242	ng		100
38) 1-Methylnaphthalene	8.963	142	427596	50.472	ng		100
40) 1,2,4,5-Tetrachloroben...	9.028	216	226541	52.178	ng		99
41) Hexachlorocyclopentadiene	9.010	237	153809	150.532	ng		98
43) 2,4,6-Trichlorophenol	9.151	196	146739	53.862	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	154401	52.221	ng	97
46) 1,1'-Biphenyl	9.328	154	583740	52.719	ng	100
47) 2-Chloronaphthalene	9.357	162	438206	52.230	ng	98
48) 2-Nitroaniline	9.457	65	143375	53.239	ng	96
49) Acenaphthylene	9.769	152	707085	55.778	ng	100
50) Dimethylphthalate	9.628	163	545802	55.880	ng	100
51) 2,6-Dinitrotoluene	9.698	165	115642	52.204	ng	94
52) Acenaphthene	9.945	154	432495	53.695	ng	99
53) 3-Nitroaniline	9.869	138	46261	21.352	ng	97
54) 2,4-Dinitrophenol	9.986	184	55960	51.830	ng	95
55) Dibenzofuran	10.116	168	659582	53.686	ng	100
56) 4-Nitrophenol	10.051	139	140197	94.883	ng	96
57) 2,4-Dinitrotoluene	10.110	165	155096	52.681	ng	96
58) Fluorene	10.463	166	525983	53.336	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	136097	59.893	ng	93
60) Diethylphthalate	10.328	149	537187	54.131	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	258058	53.322	ng	100
62) 4-Nitroaniline	10.486	138	111154	48.917	ng	97
63) Azobenzene	10.610	77	496383	52.819	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	57439	39.483	ng	95
66) n-Nitrosodiphenylamine	10.569	169	450951	53.563	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	155247	52.951	ng	98
68) Hexachlorobenzene	11.010	284	173908	51.227	ng	98
69) Atrazine	11.098	200	148778	62.817	ng	99
70) Pentachlorophenol	11.216	266	149426	100.007	ng	99
71) Phenanthrene	11.428	178	733559	53.604	ng	100
72) Anthracene	11.480	178	751639	56.149	ng	100
73) Carbazole	11.639	167	690349	53.608	ng	100
74) Di-n-butylphthalate	11.957	149	814944	54.814	ng	99
75) Fluoranthene	12.622	202	781057	52.567	ng	100
77) Benzidine	12.745	184	27728	5.941	ng	99
78) Pyrene	12.851	202	795802	53.612	ng	99
80) Butylbenzylphthalate	13.457	149	304564	56.957	ng	98
81) Benzo(a)anthracene	14.051	228	584114	54.966	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	59414	18.622	ng	99
83) Chrysene	14.086	228	521231	53.640	ng	99
84) Bis(2-ethylhexyl)phtha...	14.021	149	398956	59.087	ng	99
85) Di-n-octyl phthalate	14.657	149	561252	60.824	ng	97
87) Indeno(1,2,3-cd)pyrene	17.104	276	531058	57.916	ng	98
88) Benzo(b)fluoranthene	15.133	252	446064	50.473	ng	99
89) Benzo(k)fluoranthene	15.163	252	448560	58.000	ng	100
90) Benzo(a)pyrene	15.510	252	423120	58.883	ng	99
91) Dibenzo(a,h)anthracene	17.110	278	441158	58.747	ng	100
92) Benzo(g,h,i)perylene	17.557	276	402433	52.517	ng	100

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

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