Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120424\
Data File : BF140730.D
Acq On : 04 Dec 2024 16:54
Operator : RC/JU
Sample : P5052-02MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Dec 04 17:13:40 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	74796	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	282561	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	160857	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	300238	20.000	ng		0.00
76) Chrysene-d12	14.057	240	171011	20.000	ng		0.00
86) Perylene-d12	15.568	264	149001	20.000	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	578453	131.954	ng		0.02
7) Phenol-d6	6.516	99	739066	127.526	ng		0.00
23) Nitrobenzene-d5	7.434	82	493083	89.260	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	237531	138.069	ng		0.00
45) 2-Fluorobiphenyl	9.227	172	964341	89.322	ng		0.00
79) Terphenyl-d14	12.986	244	1037561	94.474	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.851	88	72649	39.416	ng	#	83
3) Pyridine	3.593	79	53130	13.101	ng		99
4) n-Nitrosodimethylamine	3.498	42	102506	43.007	ng		93
6) Aniline	6.539	93	62004	15.200	ng	#	1
8) 2-Chlorophenol	6.663	128	230072	48.783	ng		96
9) Benzaldehyde	6.428	77	47131	15.362	ng		98
10) Phenol	6.534	94	278760	47.099	ng		88
11) bis(2-Chloroethyl)ether	6.604	93	215245	47.525	ng		99
12) 1,3-Dichlorobenzene	6.810	146	233367	44.036	ng		99
13) 1,4-Dichlorobenzene	6.886	146	236228	44.024	ng		100
14) 1,2-Dichlorobenzene	7.039	146	227229	45.193	ng		99
15) Benzyl Alcohol	7.016	79	215372	50.112	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	257136	48.058	ng		77
17) 2-Methylphenol	7.134	107	186499	49.400	ng		97
18) Hexachloroethane	7.375	117	86386	43.105	ng		98
19) n-Nitroso-di-n-propyla...	7.286	70	168358	49.154	ng		96
20) 3+4-Methylphenols	7.286	107	244330	50.351	ng		94
22) Acetophenone	7.281	105	322977	46.885	ng		96
24) Nitrobenzene	7.457	77	254071	44.501	ng		98
25) Isophorone	7.692	82	457607	49.665	ng		100
26) 2-Nitrophenol	7.769	139	124922	49.374	ng		98
27) 2,4-Dimethylphenol	7.810	122	188178m	62.161	ng		
28) bis(2-Chloroethoxy)met...	7.898	93	267112	47.587	ng		99
29) 2,4-Dichlorophenol	8.016	162	205158	51.145	ng		97
30) 1,2,4-Trichlorobenzene	8.092	180	203382	44.406	ng		100
31) Naphthalene	8.175	128	680919	46.784	ng		100
32) Benzoic acid	7.945	122	93335	37.313	ng		95
33) 4-Chloroaniline	8.228	127	56048	12.862	ng		99
34) Hexachlorobutadiene	8.286	225	136294	44.928	ng		99
35) Caprolactam	8.604	113	50706m	40.846	ng		
36) 4-Chloro-3-methylphenol	8.716	107	225220	50.147	ng		99
37) 2-Methylnaphthalene	8.863	142	451139	48.802	ng		99
38) 1-Methylnaphthalene	8.963	142	418154	46.147	ng		99
40) 1,2,4,5-Tetrachloroben...	9.028	216	220742	46.876	ng		100
41) Hexachlorocyclopentadiene	9.010	237	157878	142.850	ng		99
43) 2,4,6-Trichlorophenol	9.151	196	142854	48.345	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	151167	47.138	ng	97
46) 1,1'-Biphenyl	9.328	154	574072	47.801	ng	99
47) 2-Chloronaphthalene	9.357	162	433575	47.645	ng	98
48) 2-Nitroaniline	9.457	65	139745	47.843	ng	96
49) Acenaphthylene	9.769	152	703148	51.140	ng	100
50) Dimethylphthalate	9.627	163	534767	50.479	ng	100
51) 2,6-Dinitrotoluene	9.698	165	115349	48.009	ng	93
52) Acenaphthene	9.945	154	424408	48.580	ng	99
53) 3-Nitroaniline	9.869	138	45597	19.404	ng	93
54) 2,4-Dinitrophenol	9.986	184	75978	62.911	ng	95
55) Dibenzofuran	10.116	168	644412	48.359	ng	99
56) 4-Nitrophenol	10.051	139	137104	85.549	ng	95
57) 2,4-Dinitrotoluene	10.110	165	150823	47.233	ng	94
58) Fluorene	10.457	166	517205	48.354	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	132489	53.756	ng	94
60) Diethylphthalate	10.327	149	528747	49.123	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	257768	49.106	ng	99
62) 4-Nitroaniline	10.486	138	108041	43.837	ng	96
63) Azobenzene	10.610	77	492941	48.360	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	67218	43.812	ng	95
66) n-Nitrosodiphenylamine	10.569	169	444902	50.108	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	150964	48.824	ng	99
68) Hexachlorobenzene	11.010	284	172823	48.272	ng	99
69) Atrazine	11.098	200	143327	57.382	ng	98
70) Pentachlorophenol	11.210	266	148256	94.086	ng	100
71) Phenanthrene	11.427	178	722435	50.057	ng	99
72) Anthracene	11.480	178	742033	52.562	ng	100
73) Carbazole	11.633	167	663278	48.839	ng	100
74) Di-n-butylphthalate	11.957	149	797481	50.862	ng	99
75) Fluoranthene	12.616	202	766931	48.944	ng	99
77) Benzidine	12.745	184	23556	4.738	ng	97
78) Pyrene	12.851	202	780252	49.345	ng	99
80) Butylbenzylphthalate	13.457	149	301791	52.982	ng	98
81) Benzo(a)anthracene	14.045	228	590374	52.152	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	70751	20.817	ng	99
83) Chrysene	14.086	228	497886	48.100	ng	99
84) Bis(2-ethylhexyl)phtha...	14.021	149	393478	54.706	ng	98
85) Di-n-octyl phthalate	14.657	149	558122	56.780	ng	98
87) Indeno(1,2,3-cd)pyrene	17.092	276	510723	52.596	ng	99
88) Benzo(b)fluoranthene	15.127	252	465862	49.777	ng	99
89) Benzo(k)fluoranthene	15.157	252	402212	49.111	ng	99
90) Benzo(a)pyrene	15.509	252	405996	53.353	ng	99
91) Dibenzo(a,h)anthracene	17.103	278	419933	52.806	ng	99
92) Benzo(g,h,i)perylene	17.551	276	381474	47.009	ng	99

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

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