Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030524\
Data File : BF137503.D
Acq On : 05 Mar 2024 16:32
Operator : CG\JU
Sample : P1672-05MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Quant Time: Mar 05 16:50:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 00:26:53 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.857	152	177257	20.000	ng		0.00
21) Naphthalene-d8	8.134	136	691022	20.000	ng		0.00
39) Acenaphthene-d10	9.886	164	376519	20.000	ng		0.00
64) Phenanthrene-d10	11.386	188	636957	20.000	ng		0.00
76) Chrysene-d12	14.045	240	334315	20.000	ng		0.00
86) Perylene-d12	15.568	264	371646	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	958292	81.879	ng		0.00
7) Phenol-d6	6.498	99	1320118	78.142	ng		0.00
23) Nitrobenzene-d5	7.416	82	782285	52.601	ng		-0.01
42) 2,4,6-Tribromophenol	10.686	330	260034	78.644	ng		0.00
45) 2-Fluorobiphenyl	9.210	172	1291146	53.679	ng		0.00
79) Terphenyl-d14	12.986	244	1335859	54.947	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.699	88	256401	40.066	ng		99
3) Pyridine	3.481	79	584369	37.863	ng		99
4) n-Nitrosodimethylamine	3.457	42	281817	45.308	ng		100
6) Aniline	6.528	93	573682	27.791	ng		99
8) 2-Chlorophenol	6.645	128	557096	45.130	ng		98
9) Benzaldehyde	6.410	77	302893	36.597	ng		98
10) Phenol	6.510	94	793063	43.614	ng		99
11) bis(2-Chloroethyl)ether	6.598	93	574100	43.085	ng		99
12) 1,3-Dichlorobenzene	6.798	146	584787	44.333	ng		97
13) 1,4-Dichlorobenzene	6.875	146	606661	44.950	ng		99
14) 1,2-Dichlorobenzene	7.022	146	568458	45.889	ng		98
15) Benzyl Alcohol	6.998	79	513708	48.844	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.128	45	949420	41.452	ng		99
17) 2-Methylphenol	7.116	107	444981	38.523	ng		99
18) Hexachloroethane	7.363	117	205608	46.267	ng		99
19) n-Nitroso-di-n-propyla...	7.269	70	411541	39.449	ng		98
20) 3+4-Methylphenols	7.263	107	536829	40.579	ng	#	89
22) Acetophenone	7.263	105	731261	43.737	ng	#	98
24) Nitrobenzene	7.434	77	640789	42.891	ng		100
25) Isophorone	7.675	82	1196663	42.353	ng		98
26) 2-Nitrophenol	7.751	139	278431	46.942	ng		96
27) 2,4-Dimethylphenol	7.792	122	392891	35.450	ng		97
28) bis(2-Chloroethoxy)met...	7.886	93	719353	43.392	ng		99
29) 2,4-Dichlorophenol	7.992	162	453752	44.610	ng		97
30) 1,2,4-Trichlorobenzene	8.075	180	473492	44.235	ng		99
31) Naphthalene	8.151	128	1567119	42.268	ng		100
32) Benzoic acid	7.892	122	90359	18.598	ng		96
33) 4-Chloroaniline	8.204	127	204886	14.093	ng		97
34) Hexachlorobutadiene	8.269	225	274073	43.370	ng		100
35) Caprolactam	8.575	113	143540m	41.617	ng		
36) 4-Chloro-3-methylphenol	8.692	107	491749	43.251	ng		98
37) 2-Methylnaphthalene	8.845	142	975579	41.276	ng		99
38) 1-Methylnaphthalene	8.945	142	907378	40.766	ng		100
40) 1,2,4,5-Tetrachloroben...	9.010	216	473314	45.028	ng		99
41) Hexachlorocyclopentadiene	8.998	237	344687	80.316	ng		100
43) 2,4,6-Trichlorophenol	9.128	196	302883	44.248	ng		94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	325313	41.256	ng	98
46) 1,1'-Biphenyl	9.310	154	1217464	44.178	ng	98
47) 2-Chloronaphthalene	9.333	162	943734	44.917	ng	99
48) 2-Nitroaniline	9.439	65	329538	46.145	ng	99
49) Acenaphthylene	9.751	152	1518393	45.158	ng	100
50) Dimethylphthalate	9.616	163	1134859	43.299	ng	99
51) 2,6-Dinitrotoluene	9.680	165	245089	44.707	ng	94
52) Acenaphthene	9.922	154	838184	41.755	ng	99
53) 3-Nitroaniline	9.851	138	165844	28.600	ng	94
54) 2,4-Dinitrophenol	9.957	184	118686	48.049	ng	96
55) Dibenzofuran	10.098	168	1301303	42.562	ng	99
56) 4-Nitrophenol	10.022	139	322382	78.250	ng	97
57) 2,4-Dinitrotoluene	10.086	165	313883	46.604	ng	97
58) Fluorene	10.445	166	968241	41.236	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	258030	40.807	ng	94
60) Diethylphthalate	10.322	149	1070325	43.244	ng	99
61) 4-Chlorophenyl-phenyle...	10.433	204	467229	40.602	ng	99
62) 4-Nitroaniline	10.469	138	214582	43.056	ng	97
63) Azobenzene	10.598	77	1217045	42.703	ng	100
65) 4,6-Dinitro-2-methylph...	10.492	198	125205	35.268	ng	95
66) n-Nitrosodiphenylamine	10.557	169	892496	43.513	ng	100
67) 4-Bromophenyl-phenylether	10.927	248	303032	43.680	ng	96
68) Hexachlorobenzene	10.986	284	325540	46.459	ng	99
69) Atrazine	11.092	200	285684	45.818	ng	96
70) Pentachlorophenol	11.186	266	272410	64.310	ng	100
71) Phenanthrene	11.410	178	1487375	42.908	ng	99
72) Anthracene	11.463	178	1532941	43.057	ng	100
73) Carbazole	11.622	167	1340930	43.971	ng	99
74) Di-n-butylphthalate	11.963	149	1654324	45.595	ng	100
75) Fluoranthene	12.604	202	1445071	42.648	ng	100
77) Benzidine	12.739	184	500291	61.149	ng	97
78) Pyrene	12.833	202	1438435	43.850	ng	100
80) Butylbenzylphthalate	13.468	149	488588	58.320	ng	97
81) Benzo(a)anthracene	14.033	228	1051432	44.872	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	196847	31.546	ng	99
83) Chrysene	14.074	228	1050065	44.339	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	666802	62.621	ng	99
85) Di-n-octyl phthalate	14.663	149	1173406	56.106	ng	98
87) Indeno(1,2,3-cd)pyrene	17.151	276	1063486	43.484	ng	98
88) Benzo(b)fluoranthene	15.121	252	978372	44.503	ng	99
89) Benzo(k)fluoranthene	15.151	252	992795	42.044	ng	99
90) Benzo(a)pyrene	15.504	252	948452	43.779	ng	100
91) Dibenzo(a,h)anthracene	17.174	278	850887	42.888	ng	98
92) Benzo(g,h,i)perylene	17.627	276	802028	39.363	ng	99

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

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