Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111924\
Data File : BF140465.D
Acq On : 19 Nov 2024 11:36
Operator : RC/JU
Sample : P4848-02MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Quant Time: Nov 19 12:09:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 14:40:06 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	148608	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	566127	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	313272	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	585294	20.000	ng		0.00
76) Chrysene-d12	14.057	240	347810	20.000	ng		0.00
86) Perylene-d12	15.568	264	308234	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	1220287	140.201	ng		0.03
7) Phenol-d6	6.522	99	1602762	135.916	ng		0.02
23) Nitrobenzene-d5	7.439	82	1095061	100.782	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	495187	158.956	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	1928677	98.970	ng		0.00
79) Terphenyl-d14	12.986	244	2195898	109.589	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.863	88	160324	41.328	ng	#	81
3) Pyridine	3.575	79	300848	31.546	ng		98
4) n-Nitrosodimethylamine	3.510	42	213311	44.255	ng		98
6) Aniline	6.545	93	198126	19.314	ng	#	11
8) 2-Chlorophenol	6.669	128	469987	50.268	ng		96
9) Benzaldehyde	6.428	77	9932	1.405	ng		98
10) Phenol	6.534	94	568115	45.683	ng		95
11) bis(2-Chloroethyl)ether	6.610	93	484622	51.431	ng		98
12) 1,3-Dichlorobenzene	6.816	146	411932	39.932	ng		100
13) 1,4-Dichlorobenzene	6.892	146	418312	39.992	ng		99
14) 1,2-Dichlorobenzene	7.045	146	414326	42.668	ng		98
15) Benzyl Alcohol	7.022	79	440652	51.866	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	583985	44.869	ng		57
17) 2-Methylphenol	7.134	107	387748	50.414	ng	#	93
18) Hexachloroethane	7.386	117	154785	40.028	ng		99
19) n-Nitroso-di-n-propyla...	7.287	70	340451	47.802	ng		99
20) 3+4-Methylphenols	7.287	107	486185	50.546	ng		91
22) Acetophenone	7.281	105	624692	47.444	ng		98
24) Nitrobenzene	7.457	77	514776	45.503	ng		99
25) Isophorone	7.692	82	965292	50.127	ng		100
26) 2-Nitrophenol	7.769	139	255797	50.954	ng		99
27) 2,4-Dimethylphenol	7.810	122	405039m	63.020	ng		
28) bis(2-Chloroethoxy)met...	7.898	93	583729	49.435	ng		99
29) 2,4-Dichlorophenol	8.016	162	415180	52.269	ng		99
30) 1,2,4-Trichlorobenzene	8.092	180	390055	44.107	ng		100
31) Naphthalene	8.175	128	1338834	46.619	ng		100
32) Benzoic acid	7.945	122	307936	54.449	ng		97
33) 4-Chloroaniline	8.239	127	96753	9.687	ng		99
34) Hexachlorobutadiene	8.286	225	242301	43.003	ng		99
35) Caprolactam	8.604	113	120807m	45.760	ng		
36) 4-Chloro-3-methylphenol	8.722	107	462551	52.548	ng		98
37) 2-Methylnaphthalene	8.869	142	912299	49.542	ng		99
38) 1-Methylnaphthalene	8.963	142	845840	46.906	ng		100
40) 1,2,4,5-Tetrachloroben...	9.033	216	423136	48.844	ng		99
41) Hexachlorocyclopentadiene	9.016	237	423058	190.202	ng		99
43) 2,4,6-Trichlorophenol	9.151	196	301306	52.998	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	322774	51.928	ng	99
46) 1,1'-Biphenyl	9.333	154	1140532	50.044	ng	99
47) 2-Chloronaphthalene	9.357	162	852646	49.113	ng	100
48) 2-Nitroaniline	9.457	65	297074	51.597	ng	98
49) Acenaphthylene	9.775	152	1423604	54.198	ng	99
50) Dimethylphthalate	9.633	163	1094789	53.615	ng	100
51) 2,6-Dinitrotoluene	9.698	165	237696	51.061	ng	98
52) Acenaphthene	9.945	154	1035841m	58.386	ng	
53) 3-Nitroaniline	9.869	138	91881	18.794	ng	100
54) 2,4-Dinitrophenol	9.980	184	283674	118.170	ng	98
55) Dibenzofuran	10.116	168	1297440	51.660	ng	100
56) 4-Nitrophenol	10.045	139	354789	99.494	ng	99
57) 2,4-Dinitrotoluene	10.104	165	322670	52.667	ng	98
58) Fluorene	10.463	166	1001510	50.478	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	281966	57.452	ng	99
60) Diethylphthalate	10.333	149	1083309	51.883	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	497647	50.806	ng	98
62) 4-Nitroaniline	10.486	138	226725	45.357	ng	100
63) Azobenzene	10.610	77	1061785	51.467	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	188887	59.983	ng	97
66) n-Nitrosodiphenylamine	10.575	169	889356	52.590	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	309440	52.890	ng	99
68) Hexachlorobenzene	11.010	284	346067	52.571	ng	97
69) Atrazine	11.098	200	254923	49.825	ng	99
70) Pentachlorophenol	11.210	266	379019	106.888	ng	98
71) Phenanthrene	11.427	178	1438855	52.333	ng	100
72) Anthracene	11.480	178	1465226	54.376	ng	100
73) Carbazole	11.633	167	1349540	50.722	ng	100
74) Di-n-butylphthalate	11.957	149	1659537	51.968	ng	99
75) Fluoranthene	12.616	202	1574134	51.031	ng	100
77) Benzidine	12.745	184	45876	3.437	ng	98
78) Pyrene	12.845	202	1597064	53.682	ng	99
80) Butylbenzylphthalate	13.457	149	660343	57.779	ng	99
81) Benzo(a)anthracene	14.045	228	1225212	53.599	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	202214	27.831	ng	99
83) Chrysene	14.086	228	1146211	54.956	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	877551	57.526	ng	98
85) Di-n-octyl phthalate	14.668	149	1314455	61.181	ng	99
87) Indeno(1,2,3-cd)pyrene	17.080	276	997792	52.404	ng	100
88) Benzo(b)fluoranthene	15.133	252	1018274	50.502	ng	99
89) Benzo(k)fluoranthene	15.162	252	938884	56.999	ng	99
90) Benzo(a)pyrene	15.504	252	902932	57.666	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	806817	51.263	ng	99
92) Benzo(g,h,i)perylene	17.533	276	744822	46.290	ng	98

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

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