Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111524\
Data File : BF140397.D
Acq On : 15 Nov 2024 12:25
Operator : RC/JU
Sample : P4799-03MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 15 12:57:34 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

Instrument :
BNA_F
ClientSampleId :
WC-TA2-02-CMSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel
11/18/2024
Supervised By :mohammad ahmed
11/18/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	124830	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	475981	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	260069	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	490438	20.000	ng	0.00
76) Chrysene-d12	14.057	240	255642	20.000	ng	0.00
86) Perylene-d12	15.568	264	281681	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	926825	126.768	ng	0.04
7) Phenol-d6	6.528	99	1248970	126.089	ng	0.02
23) Nitrobenzene-d5	7.439	82	806800	88.315	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	359958	139.185	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1419541	87.745	ng	0.00
79) Terphenyl-d14	12.986	244	1476185	100.232	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.810	88	111552	34.233	ng	# 83
3) Pyridine	3.540	79	208333	26.006	ng	99
4) n-Nitrosodimethylamine	3.463	42	160034	39.526	ng	100
6) Aniline	6.545	93	170697	19.810	ng	# 1
8) 2-Chlorophenol	6.669	128	354042	45.080	ng	98
9) Benzaldehyde	6.428	77	18615	3.136	ng	94
10) Phenol	6.539	94	451299	43.203	ng	89
11) bis(2-Chloroethyl)ether	6.610	93	327729	41.406	ng	100
12) 1,3-Dichlorobenzene	6.816	146	284085	32.784	ng	99
13) 1,4-Dichlorobenzene	6.892	146	294945	33.569	ng	99
14) 1,2-Dichlorobenzene	7.045	146	286561	35.132	ng	100
15) Benzyl Alcohol	7.022	79	331671	46.475	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	419494	38.370	ng	# 35
17) 2-Methylphenol	7.139	107	287846	44.554	ng	# 91
18) Hexachloroethane	7.386	117	103608	31.897	ng	98
19) n-Nitroso-di-n-propyla...	7.286	70	258345	43.183	ng	99
20) 3+4-Methylphenols	7.292	107	385110	47.664	ng	91
22) Acetophenone	7.281	105	476964	43.085	ng	96
24) Nitrobenzene	7.457	77	382323	40.196	ng	100
25) Isophorone	7.698	82	720252	44.485	ng	99
26) 2-Nitrophenol	7.775	139	186621	44.214	ng	99
27) 2,4-Dimethylphenol	7.816	122	299071m	55.345	ng	
28) bis(2-Chloroethoxy)met...	7.904	93	427494	43.061	ng	100
29) 2,4-Dichlorophenol	8.022	162	313309	46.914	ng	98
30) 1,2,4-Trichlorobenzene	8.098	180	278993	37.523	ng	99
31) Naphthalene	8.181	128	1389789	57.559	ng	100
32) Benzoic acid	7.939	122	241460	50.781	ng	98
33) 4-Chloroaniline	8.228	127	112649	13.415	ng	98
34) Hexachlorobutadiene	8.292	225	171450	36.191	ng	99
35) Caprolactam	8.598	113	99357m	44.762	ng	
36) 4-Chloro-3-methylphenol	8.722	107	359044	48.514	ng	100
37) 2-Methylnaphthalene	8.869	142	730464	47.180	ng	100
38) 1-Methylnaphthalene	8.969	142	711769	46.947	ng	99
40) 1,2,4,5-Tetrachloroben...	9.033	216	314938	43.791	ng	99
41) Hexachlorocyclopentadiene	9.022	237	232615	125.976	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	231563	49.063	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	249316	48.316	ng	99
46) 1,1'-Biphenyl	9.333	154	870504	46.010	ng	99
47) 2-Chloronaphthalene	9.357	162	648500	44.996	ng	99
48) 2-Nitroaniline	9.457	65	240288	50.272	ng	98
49) Acenaphthylene	9.775	152	1095560	50.241	ng	100
50) Dimethylphthalate	9.633	163	824354	48.630	ng	100
51) 2,6-Dinitrotoluene	9.698	165	182744	47.287	ng	100
52) Acenaphthene	9.945	154	847062	57.513	ng	99
53) 3-Nitroaniline	9.869	138	108695	26.782	ng	98
54) 2,4-Dinitrophenol	9.980	184	154100	77.326	ng	98
55) Dibenzofuran	10.122	168	1007085	48.302	ng	100
56) 4-Nitrophenol	10.051	139	288266	97.377	ng	97
57) 2,4-Dinitrotoluene	10.104	165	251620	49.472	ng	99
58) Fluorene	10.463	166	831289	50.470	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	208595	51.197	ng	99
60) Diethylphthalate	10.333	149	824661	47.576	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	373051	45.877	ng	99
62) 4-Nitroaniline	10.486	138	189315	45.621	ng	99
63) Azobenzene	10.616	77	811093	47.358	ng	100
65) 4,6-Dinitro-2-methylph...	10.516	198	111915	42.413	ng	97
66) n-Nitrosodiphenylamine	10.574	169	699211	49.343	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	229201	46.752	ng	100
68) Hexachlorobenzene	11.010	284	258280	46.824	ng	99
69) Atrazine	11.104	200	218433	50.950	ng	100
70) Pentachlorophenol	11.216	266	279129	93.942	ng	98
71) Phenanthrene	11.427	178	1212471	52.628	ng	99
72) Anthracene	11.480	178	1145816	50.746	ng	100
73) Carbazole	11.639	167	1043610	46.810	ng	100
74) Di-n-butylphthalate	11.957	149	1254734	46.891	ng	100
75) Fluoranthene	12.621	202	1114449	43.117	ng	99
77) Benzidine	12.739	184	72817	7.421	ng	99
78) Pyrene	12.851	202	1108842	50.709	ng	100
80) Butylbenzylphthalate	13.463	149	436609	51.976	ng	97
81) Benzo(a)anthracene	14.045	228	855965	50.946	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	218740	40.960	ng	98
83) Chrysene	14.086	228	738579	48.179	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	565885	50.470	ng	99
85) Di-n-octyl phthalate	14.668	149	867468	54.933	ng	99
87) Indeno(1,2,3-cd)pyrene	17.080	276	742528	42.674	ng	99
88) Benzo(b)fluoranthene	15.133	252	829187	45.000	ng	99
89) Benzo(k)fluoranthene	15.162	252	753879	50.082	ng	99
90) Benzo(a)pyrene	15.504	252	751455	52.516	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	624612	43.427	ng	99
92) Benzo(g,h,i)perylene	17.533	276	514174	34.968	ng	100

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

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