Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020124\
Data File : BF137244.D
Acq On : 01 Feb 2024 21:24
Operator : CG\JU
Sample : P1307-02MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-614-COMP-01MSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 02/02/2024
Supervised By :Sohil Jodhani 02/02/2024

Quant Time: Feb 02 01:18:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 31 04:56:22 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.793	152	57508	20.000	ng		0.00
21) Naphthalene-d8	8.069	136	212380	20.000	ng		0.00
39) Acenaphthene-d10	9.828	164	105271	20.000	ng		0.00
64) Phenanthrene-d10	11.316	188	172366	20.000	ng		0.00
76) Chrysene-d12	13.969	240	156822	20.000	ng	#	0.00
86) Perylene-d12	15.451	264	144845	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.446	112	453178	130.031	ng		0.03
7) Phenol-d6	6.434	99	538731	108.316	ng		0.00
23) Nitrobenzene-d5	7.357	82	424809	89.554	ng		0.00
42) 2,4,6-Tribromophenol	10.622	330	150591	126.666	ng		0.00
45) 2-Fluorobiphenyl	9.151	172	709898	92.701	ng		0.00
79) Terphenyl-d14	12.916	244	752740	65.253	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.764	88	70388	37.746	ng	#	83
3) Pyridine	3.469	79	116707	31.992	ng		100
4) n-Nitrosodimethylamine	3.411	42	87903	46.475	ng		94
6) Aniline	6.463	93	48850	9.175	ng	#	77
8) 2-Chlorophenol	6.581	128	178492	45.804	ng		92
9) Benzaldehyde	6.352	77	48044	25.365	ng		95
10) Phenol	6.446	94	197285	35.536	ng		99
11) bis(2-Chloroethyl)ether	6.534	93	175202	47.222	ng		99
12) 1,3-Dichlorobenzene	6.734	146	193849	42.428	ng		100
13) 1,4-Dichlorobenzene	6.810	146	197795	41.860	ng		98
14) 1,2-Dichlorobenzene	6.963	146	189700	42.938	ng		99
15) Benzyl Alcohol	6.940	79	169984	48.106	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.063	45	259872	38.883	ng		99
17) 2-Methylphenol	7.046	107	147400	45.276	ng		96
18) Hexachloroethane	7.299	117	71506	41.959	ng		92
19) n-Nitroso-di-n-propyla...	7.210	70	143866	42.187	ng		96
20) 3+4-Methylphenols	7.199	107	174797	42.413	ng		92
22) Acetophenone	7.204	105	266201	46.558	ng		96
24) Nitrobenzene	7.375	77	212617	46.180	ng		99
25) Isophorone	7.610	82	377227	43.083	ng		99
26) 2-Nitrophenol	7.687	139	83161	46.723	ng	#	88
27) 2,4-Dimethylphenol	7.728	122	115077	45.982	ng		97
28) bis(2-Chloroethoxy)met...	7.828	93	217576	46.794	ng		98
29) 2,4-Dichlorophenol	7.928	162	144590	46.572	ng		100
30) 1,2,4-Trichlorobenzene	8.010	180	170482	44.207	ng		96
31) Naphthalene	8.093	128	511085	44.514	ng		100
32) Benzoic acid	7.846	122	80442	46.101	ng		92
33) 4-Chloroaniline	8.151	127	16350	4.140	ng		94
34) Hexachlorobutadiene	8.210	225	115027	44.858	ng		100
35) Caprolactam	8.510	113	35001m	36.256	ng		
36) 4-Chloro-3-methylphenol	8.628	107	152195	41.504	ng		96
37) 2-Methylnaphthalene	8.781	142	331153	43.021	ng		97
38) 1-Methylnaphthalene	8.881	142	313002	43.780	ng		98
40) 1,2,4,5-Tetrachloroben...	8.951	216	177250	50.320	ng		99
41) Hexachlorocyclopentadiene	8.934	237	191300	114.025	ng		97
43) 2,4,6-Trichlorophenol	9.063	196	102226	51.166	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.098	196	105696	48.399	ng	96
46) 1,1'-Biphenyl	9.251	154	411422	49.121	ng	99
47) 2-Chloronaphthalene	9.275	162	302707	48.836	ng	97
48) 2-Nitroaniline	9.369	65	97048	48.374	ng	98
49) Acenaphthylene	9.687	152	468483	47.211	ng	99
50) Dimethylphthalate	9.551	163	348266	48.970	ng	99
51) 2,6-Dinitrotoluene	9.616	165	75720	49.930	ng	85
52) Acenaphthene	9.857	154	276637	47.434	ng	100
53) 3-Nitroaniline	9.781	138	16250	11.907	ng	92
54) 2,4-Dinitrophenol	9.887	184	66028	95.231	ng	88
55) Dibenzofuran	10.034	168	422129	45.495	ng	100
56) 4-Nitrophenol	9.945	139	83401	81.092	ng	95
57) 2,4-Dinitrotoluene	10.016	165	95200	48.380	ng	90
58) Fluorene	10.375	166	322247	44.301	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	92309	45.428	ng	91
60) Diethylphthalate	10.257	149	325590	46.496	ng	99
61) 4-Chlorophenyl-phenyle...	10.375	204	164047	45.371	ng	95
62) 4-Nitroaniline	10.398	138	53051	40.611	ng	99
63) Azobenzene	10.534	77	329947	42.545	ng	95
65) 4,6-Dinitro-2-methylph...	10.422	198	47463	51.530	ng	90
66) n-Nitrosodiphenylamine	10.492	169	272156	51.929	ng	98
67) 4-Bromophenyl-phenylether	10.863	248	101199	53.395	ng	95
68) Hexachlorobenzene	10.922	284	105286	49.734	ng	96
69) Atrazine	11.022	200	88544	51.178	ng	98
70) Pentachlorophenol	11.122	266	129316	106.559	ng	97
71) Phenanthrene	11.339	178	428452	47.481	ng	100
72) Anthracene	11.392	178	451637	48.020	ng	99
73) Carbazole	11.551	167	380916	48.461	ng	98
74) Di-n-butylphthalate	11.892	149	456762	53.758	ng	99
75) Fluoranthene	12.533	202	476999	50.517	ng	99
77) Benzidine	12.675	184	30833	10.980	ng	96
78) Pyrene	12.763	202	498867	33.102	ng	99
80) Butylbenzylphthalate	13.398	149	196983	51.095	ng	98
81) Benzo(a)anthracene	13.963	228	513911	46.272	ng	100
82) 3,3'-Dichlorobenzidine	13.928	252	76897	25.413	ng	99
83) Chrysene	13.998	228	510146	46.721	ng	100
84) Bis(2-ethylhexyl)phtha...	13.963	149	290380	64.741	ng	99
85) Di-n-octyl phthalate	14.580	149	544900	76.405	ng	99
87) Indeno(1,2,3-cd)pyrene	16.939	276	348320	34.229	ng	99
88) Benzo(b)fluoranthene	15.016	252	486676	54.635	ng	99
89) Benzo(k)fluoranthene	15.051	252	451186	47.879	ng	100
90) Benzo(a)pyrene	15.386	252	388458	46.340	ng	98
91) Dibenzo(a,h)anthracene	16.968	278	287779	35.293	ng	97
92) Benzo(g,h,i)perylene	17.392	276	262782	32.836	ng	99

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

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