Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090523\
Data File : BF135110.D
Acq On : 06 Sep 2023 00:05
Operator : CG\JU
Sample : 04109-02MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-01(6-7)MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023

Quant Time: Sep 06 01:59:38 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 31 03:48:08 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.775	152	110413	20.000	ng		0.00
21) Naphthalene-d8	8.057	136	448526	20.000	ng		0.00
39) Acenaphthene-d10	9.816	164	219415	20.000	ng		0.00
64) Phenanthrene-d10	11.304	188	360788	20.000	ng		0.00
76) Chrysene-d12	13.963	240	223027	20.000	ng		0.00
86) Perylene-d12	15.427	264	197496	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.410	112	635689	88.929	ng		0.01
7) Phenol-d6	6.422	99	798270	89.594	ng		0.00
23) Nitrobenzene-d5	7.339	82	494958	61.997	ng		0.00
42) 2,4,6-Tribromophenol	10.610	330	203434	87.403	ng		0.00
45) 2-Fluorobiphenyl	9.133	172	901003	66.856	ng		0.00
79) Terphenyl-d14	12.898	244	842624	61.655	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.569	88	120802	39.896	ng		99
3) Pyridine	3.322	79	305120	37.378	ng		97
4) n-Nitrosodimethylamine	3.287	42	181084	45.361	ng		97
6) Aniline	6.439	93	214330	19.405	ng	#	67
8) 2-Chlorophenol	6.563	128	356591	49.103	ng		100
9) Benzaldehyde	6.328	77	135374	29.819	ng		95
10) Phenol	6.434	94	421364	45.047	ng		97
11) bis(2-Chloroethyl)ether	6.516	93	329795	46.822	ng		99
12) 1,3-Dichlorobenzene	6.716	146	361324	48.293	ng		99
13) 1,4-Dichlorobenzene	6.792	146	369142	49.295	ng		100
14) 1,2-Dichlorobenzene	6.939	146	351202	50.258	ng		97
15) Benzyl Alcohol	6.922	79	307656	50.400	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.051	45	535679	45.414	ng		97
17) 2-Methylphenol	7.034	107	283141	44.743	ng		97
18) Hexachloroethane	7.281	117	136383	49.166	ng		96
19) n-Nitroso-di-n-propyla...	7.192	70	241472	45.626	ng		96
20) 3+4-Methylphenols	7.192	107	338389	45.326	ng		93
22) Acetophenone	7.187	105	472725	47.384	ng	#	98
24) Nitrobenzene	7.357	77	371634	45.379	ng		95
25) Isophorone	7.598	82	674452	44.557	ng		99
26) 2-Nitrophenol	7.675	139	186448	46.080	ng		98
27) 2,4-Dimethylphenol	7.716	122	287924	44.199	ng		95
28) bis(2-Chloroethoxy)met...	7.810	93	419074	45.896	ng		99
29) 2,4-Dichlorophenol	7.916	162	288621	46.618	ng		99
30) 1,2,4-Trichlorobenzene	7.998	180	315052	47.089	ng		99
31) Naphthalene	8.075	128	991861	45.269	ng		99
32) Benzoic acid	7.845	122	184395	35.386	ng		98
33) 4-Chloroaniline	8.128	127	88585	9.244	ng		98
34) Hexachlorobutadiene	8.192	225	179797	47.353	ng		99
35) Caprolactam	8.510	113	93189m	45.971	ng		
36) 4-Chloro-3-methylphenol	8.622	107	315144	46.865	ng		96
37) 2-Methylnaphthalene	8.769	142	633742	43.350	ng		99
38) 1-Methylnaphthalene	8.869	142	597743	43.698	ng		99
40) 1,2,4,5-Tetrachloroben...	8.933	216	298088	48.531	ng		98
41) Hexachlorocyclopentadiene	8.916	237	123052	47.069	ng		98
43) 2,4,6-Trichlorophenol	9.051	196	193045	46.798	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.092	196	203987	42.714	ng	#	93
46) 1,1'-Biphenyl	9.233	154	799671	47.702	ng		98
47) 2-Chloronaphthalene	9.263	162	601174	47.689	ng		100
48) 2-Nitroaniline	9.363	65	205439	47.606	ng		92
49) Acenaphthylene	9.675	152	880772	46.219	ng		99
50) Dimethylphthalate	9.545	163	734783	47.826	ng		100
51) 2,6-Dinitrotoluene	9.610	165	159230	47.233	ng	#	85
52) Acenaphthene	9.851	154	549673	45.263	ng		99
53) 3-Nitroaniline	9.775	138	84500	21.518	ng		96
54) 2,4-Dinitrophenol	9.886	184	60777	37.722	ng		91
55) Dibenzofuran	10.022	168	780845	44.573	ng		99
56) 4-Nitrophenol	9.951	139	224405	81.293	ng		97
57) 2,4-Dinitrotoluene	10.016	165	192185	45.745	ng		98
58) Fluorene	10.369	166	595875	44.617	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.145	232	158546	43.113	ng		98
60) Diethylphthalate	10.245	149	670525	46.363	ng		99
61) 4-Chlorophenyl-phenyle...	10.357	204	292421	44.266	ng		98
62) 4-Nitroaniline	10.392	138	145095	37.761	ng		98
63) Azobenzene	10.522	77	630782	43.316	ng		98
65) 4,6-Dinitro-2-methylph...	10.422	198	51614	23.638	ng		97
66) n-Nitrosodiphenylamine	10.480	169	545608	48.636	ng		99
67) 4-Bromophenyl-phenylether	10.851	248	183279	47.895	ng		97
68) Hexachlorobenzene	10.916	284	195337	49.366	ng		98
70) Pentachlorophenol	11.110	266	167688	70.049	ng		99
71) Phenanthrene	11.333	178	854858	45.927	ng		98
72) Anthracene	11.386	178	854389	44.927	ng		99
73) Carbazole	11.545	167	756736	46.135	ng		99
74) Di-n-butylphthalate	11.874	149	944323	47.759	ng		100
75) Fluoranthene	12.527	202	829413	44.073	ng		98
77) Benzidine	12.651	184	260261	64.735	ng		98
78) Pyrene	12.757	202	844110	39.862	ng		99
80) Butylbenzylphthalate	13.380	149	361652	47.276	ng		98
81) Benzo(a)anthracene	13.951	228	676146	44.444	ng		100
82) 3,3'-Dichlorobenzidine	13.915	252	177050	38.567	ng		99
83) Chrysene	13.992	228	660620	44.185	ng		100
84) Bis(2-ethylhexyl)phtha...	13.945	149	443041	55.962	ng		100
85) Di-n-octyl phthalate	14.563	149	750088	62.074	ng		99
87) Indeno(1,2,3-cd)pyrene	16.915	276	536432	40.325	ng		97
88) Benzo(b)fluoranthene	15.004	252	581599	47.329	ng		99
89) Benzo(k)fluoranthene	15.033	252	557682	46.975	ng		99
90) Benzo(a)pyrene	15.368	252	476725	41.761	ng		97
91) Dibenzo(a,h)anthracene	16.933	278	443691	41.181	ng		98
92) Benzo(g,h,i)perylene	17.368	276	416954	37.209	ng		98

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

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