Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102623\
Data File : BF135973.D
Acq On : 26 Oct 2023 20:24
Operator : CG\JU
Sample : 05039-04MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Oct 27 01:20:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 26 03:58:01 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
MMFB-4MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel
10/27/2023
Supervised By :mohammad ahmed
10/27/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.828	152	168034	20.000	ng		0.00
21) Naphthalene-d8	8.110	136	629119	20.000	ng		0.00
39) Acenaphthene-d10	9.863	164	262482	20.000	ng		0.00
64) Phenanthrene-d10	11.357	188	388631	20.000	ng		0.00
76) Chrysene-d12	14.015	240	315250	20.000	ng		0.00
86) Perylene-d12	15.498	264	275124	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.463	112	1171950	107.698	ng		0.01
7) Phenol-d6	6.463	99	1442546	106.481	ng		0.00
23) Nitrobenzene-d5	7.392	82	816976	83.991	ng		0.00
42) 2,4,6-Tribromophenol	10.657	330	261758	113.932	ng		0.00
45) 2-Fluorobiphenyl	9.186	172	1430421	87.262	ng		0.00
79) Terphenyl-d14	12.957	244	1314524	69.668	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.646	88	206106	40.773	ng		97
3) Pyridine	3.399	79	500852	35.898	ng		99
4) n-Nitrosodimethylamine	3.369	42	262637	43.171	ng		98
6) Aniline	6.492	93	652805	35.786	ng		100
8) 2-Chlorophenol	6.610	128	564876	50.143	ng		100
9) Benzaldehyde	6.375	77	163993	22.377	ng		99
10) Phenol	6.475	94	683721m	48.275	ng		
11) bis(2-Chloroethyl)ether	6.569	93	536198	48.639	ng		99
12) 1,3-Dichlorobenzene	6.769	146	577486	48.262	ng		98
13) 1,4-Dichlorobenzene	6.845	146	582671	48.486	ng		98
14) 1,2-Dichlorobenzene	6.998	146	560449	50.222	ng		99
15) Benzyl Alcohol	6.969	79	453507	47.354	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.104	45	767503	47.275	ng		98
17) 2-Methylphenol	7.081	107	434171	43.729	ng		98
18) Hexachloroethane	7.339	117	204116	49.951	ng		94
19) n-Nitroso-di-n-propyla...	7.245	70	357772	46.441	ng		97
20) 3+4-Methylphenols	7.234	107	529849	44.216	ng	#	89
22) Acetophenone	7.239	105	717101	50.467	ng	#	94
24) Nitrobenzene	7.410	77	527980	50.533	ng		97
25) Isophorone	7.651	82	1010049	50.792	ng		98
26) 2-Nitrophenol	7.722	139	247219	60.177	ng		97
27) 2,4-Dimethylphenol	7.763	122	416029	45.903	ng		99
28) bis(2-Chloroethoxy)met...	7.863	93	626235	51.283	ng		99
29) 2,4-Dichlorophenol	7.963	162	429152	52.878	ng		99
30) 1,2,4-Trichlorobenzene	8.051	180	473228	51.499	ng		99
31) Naphthalene	8.134	128	1518660	49.929	ng		99
32) Benzoic acid	7.881	122	300053m	59.808	ng		
33) 4-Chloroaniline	8.175	127	381927	28.410	ng		100
34) Hexachlorobutadiene	8.245	225	271035	52.330	ng		100
35) Caprolactam	8.551	113	138872m	51.419	ng		
36) 4-Chloro-3-methylphenol	8.657	107	419272	48.612	ng		98
37) 2-Methylnaphthalene	8.822	142	919241	45.678	ng		99
38) 1-Methylnaphthalene	8.922	142	882310	46.920	ng		98
40) 1,2,4,5-Tetrachloroben...	8.986	216	423656	57.146	ng		99
41) Hexachlorocyclopentadiene	8.975	237	169446	46.354	ng		100
43) 2,4,6-Trichlorophenol	9.098	196	268344	61.844	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	275185	53.415	ng	96
46) 1,1'-Biphenyl	9.286	154	1107461	55.682	ng	99
47) 2-Chloronaphthalene	9.310	162	810783	55.113	ng	98
48) 2-Nitroaniline	9.404	65	231871	55.635	ng	99
49) Acenaphthylene	9.728	152	1225845	52.819	ng	99
50) Dimethylphthalate	9.592	163	941077	55.286	ng	99
51) 2,6-Dinitrotoluene	9.651	165	192121	53.790	ng	87
52) Acenaphthene	9.898	154	764412	51.394	ng	99
53) 3-Nitroaniline	9.816	138	180605	43.268	ng	94
54) 2,4-Dinitrophenol	9.922	184	78990	68.038	ng	93
55) Dibenzofuran	10.075	168	1032380	48.046	ng	96
56) 4-Nitrophenol	9.975	139	289981	84.104	ng	97
57) 2,4-Dinitrotoluene	10.051	165	225252	51.134	ng	97
58) Fluorene	10.416	166	746320	46.426	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.186	232	197825m	51.029	ng	
60) Diethylphthalate	10.292	149	831409	51.221	ng	99
61) 4-Chlorophenyl-phenyle...	10.410	204	369600	47.663	ng	98
62) 4-Nitroaniline	10.433	138	167057	40.735	ng	94
63) Azobenzene	10.569	77	725504	44.044	ng	99
65) 4,6-Dinitro-2-methylph...	10.457	198	56893	46.294	ng	94
66) n-Nitrosodiphenylamine	10.528	169	668923	56.975	ng	98
67) 4-Bromophenyl-phenylether	10.904	248	220588	55.424	ng	92
68) Hexachlorobenzene	10.963	284	232921	54.784	ng	92
69) Atrazine	11.063	200	209618	65.494	ng	98
70) Pentachlorophenol	11.157	266	265719	97.593	ng	99
71) Phenanthrene	11.380	178	1094978	55.690	ng	100
72) Anthracene	11.433	178	1050158	52.163	ng	100
73) Carbazole	11.586	167	913519	50.867	ng	99
74) Di-n-butylphthalate	11.927	149	1031088	53.954	ng	99
75) Fluoranthene	12.574	202	1217024	58.836	ng	98
77) Benzidine	12.704	184	684497	112.605	ng	100
78) Pyrene	12.804	202	1325508	50.076	ng	100
80) Butylbenzylphthalate	13.439	149	468609	46.936	ng	98
81) Benzo(a)anthracene	14.004	228	1190274	55.529	ng	100
82) 3,3'-Dichlorobenzidine	13.968	252	408105	62.580	ng	99
83) Chrysene	14.039	228	1112218	53.275	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	614065	56.416	ng	99
85) Di-n-octyl phthalate	14.627	149	1172979	68.410	ng	99
87) Indeno(1,2,3-cd)pyrene	17.009	276	768955	49.290	ng	99
88) Benzo(b)fluoranthene	15.063	252	949679	58.002	ng	99
89) Benzo(k)fluoranthene	15.092	252	864720	53.774	ng	100
90) Benzo(a)pyrene	15.433	252	777674	51.535	ng	99
91) Dibenzo(a,h)anthracene	17.033	278	622518	46.652	ng	99
92) Benzo(g,h,i)perylene	17.462	276	616706	41.224	ng	99

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

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