Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010424\
Data File : BF136948.D
Acq On : 04 Jan 2024 19:13
Operator : CG\JU
Sample : 06017-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024

Quant Time: Jan 05 00:42:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.787	152	53007	20.000	ng		0.00
21) Naphthalene-d8	8.069	136	188405	20.000	ng		0.00
39) Acenaphthene-d10	9.816	164	102081	20.000	ng		-0.01
64) Phenanthrene-d10	11.310	188	188528	20.000	ng		0.00
76) Chrysene-d12	13.968	240	114413	20.000	ng		0.00
86) Perylene-d12	15.457	264	136752	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	328478	96.689	ng		0.00
7) Phenol-d6	6.445	99	400529	90.987	ng		0.00
23) Nitrobenzene-d5	7.357	82	231587	62.899	ng		0.00
42) 2,4,6-Tribromophenol	10.616	330	110213	91.674	ng		0.00
45) 2-Fluorobiphenyl	9.139	172	479299	63.151	ng		-0.01
79) Terphenyl-d14	12.904	244	480921	58.741	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.552	88	55608	39.285	ng		98
3) Pyridine	3.322	79	122612	35.502	ng		97
4) n-Nitrosodimethylamine	3.281	42	77649	42.102	ng		95
6) Aniline	6.469	93	49172	11.172	ng	#	36
8) 2-Chlorophenol	6.581	128	156628	42.130	ng		96
9) Benzaldehyde	6.345	77	50810	20.293	ng	#	1
10) Phenol	6.457	94	188314	40.074	ng		85
11) bis(2-Chloroethyl)ether	6.528	93	152533	42.682	ng		94
12) 1,3-Dichlorobenzene	6.728	146	160021	39.456	ng		96
13) 1,4-Dichlorobenzene	6.804	146	165754	39.999	ng		99
14) 1,2-Dichlorobenzene	6.957	146	149441	38.755	ng		97
15) Benzyl Alcohol	6.940	79	114533	38.566	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.069	45	221112	37.844	ng		64
17) 2-Methylphenol	7.063	107	119627	38.841	ng	#	83
18) Hexachloroethane	7.292	117	66217m	43.999	ng		
19) n-Nitroso-di-n-propyla...	7.204	70	131522	49.287	ng		96
20) 3+4-Methylphenols	7.210	107	159212	41.378	ng	#	57
22) Acetophenone	7.198	105	200598	42.478	ng	#	87
24) Nitrobenzene	7.375	77	187429	50.818	ng		98
25) Isophorone	7.610	82	293522	43.812	ng		98
26) 2-Nitrophenol	7.687	139	82206	46.586	ng		91
27) 2,4-Dimethylphenol	7.734	122	73920	34.408	ng		97
28) bis(2-Chloroethoxy)met...	7.822	93	176801	43.415	ng		96
29) 2,4-Dichlorophenol	7.939	162	133074	48.114	ng		97
30) 1,2,4-Trichlorobenzene	8.010	180	135401	43.938	ng		98
31) Naphthalene	8.092	128	1246573	120.436	ng		99
32) Benzoic acid	7.869	122	89133	42.880	ng	#	74
33) 4-Chloroaniline	8.157	127	25524	6.679	ng	#	75
34) Hexachlorobutadiene	8.198	225	78396	41.872	ng		99
35) Caprolactam	8.510	113	43677	47.869	ng	#	91
36) 4-Chloro-3-methylphenol	8.639	107	134170	43.091	ng		100
37) 2-Methylnaphthalene	8.786	142	1322284	198.504	ng		100
38) 1-Methylnaphthalene	8.881	142	772341	118.181	ng		99
40) 1,2,4,5-Tetrachloroben...	8.945	216	142226	44.988	ng		100
41) Hexachlorocyclopentadiene	8.928	237	50743	52.157	ng		99
43) 2,4,6-Trichlorophenol	9.063	196	88471	43.636	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	95832	42.416	ng		95
46) 1,1'-Biphenyl	9.239	154	382723	44.678	ng		99
47) 2-Chloronaphthalene	9.269	162	274551	42.160	ng		97
48) 2-Nitroaniline	9.375	65	88500	43.398	ng		87
49) Acenaphthylene	9.681	152	452051	45.415	ng		99
50) Dimethylphthalate	9.545	163	314406	42.167	ng		100
51) 2,6-Dinitrotoluene	9.610	165	68656	40.572	ng	#	80
52) Acenaphthene	9.851	154	318095	51.554	ng		98
53) 3-Nitroaniline	9.781	138	45006	25.107	ng		98
54) 2,4-Dinitrophenol	9.898	184	61086	65.828	ng		91
55) Dibenzofuran	10.028	168	452089	48.336	ng		99
56) 4-Nitrophenol	9.969	139	90944	75.154	ng		96
57) 2,4-Dinitrotoluene	10.022	165	89356	40.675	ng	#	96
58) Fluorene	10.369	166	386885	52.132	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.151	232	74766	42.989	ng	#	100
60) Diethylphthalate	10.245	149	322655	41.707	ng		98
61) 4-Chlorophenyl-phenyle...	10.363	204	152694	42.330	ng		94
62) 4-Nitroaniline	10.398	138	53776	31.119	ng		95
63) Azobenzene	10.522	77	291438	40.333	ng		99
65) 4,6-Dinitro-2-methylph...	10.433	198	43229	40.010	ng		85
66) n-Nitrosodiphenylamine	10.486	169	273832	44.713	ng		99
67) 4-Bromophenyl-phenylether	10.851	248	93120	44.475	ng		96
68) Hexachlorobenzene	10.922	284	99692	42.726	ng		97
69) Atrazine	11.016	200	87835	56.074	ng		99
70) Pentachlorophenol	11.122	266	81492	74.930	ng		94
71) Phenanthrene	11.339	178	844745	87.326	ng		99
72) Anthracene	11.392	178	536191	54.732	ng		99
73) Carbazole	11.551	167	409741	44.361	ng		100
74) Di-n-butylphthalate	11.874	149	516657	45.841	ng		100
75) Fluoranthene	12.533	202	832437	80.450	ng		96
78) Pyrene	12.763	202	762087	67.852	ng		99
80) Butylbenzylphthalate	13.386	149	190432	46.596	ng		94
81) Benzo(a)anthracene	13.963	228	502177	63.209	ng		99
82) 3,3'-Dichlorobenzidine	13.921	252	66421	29.439	ng	#	97
83) Chrysene	13.998	228	437309	56.288	ng		99
84) Bis(2-ethylhexyl)phtha...	13.945	149	274731	53.429	ng		98
85) Di-n-octyl phthalate	14.563	149	443179	55.718	ng		99
87) Indeno(1,2,3-cd)pyrene	16.974	276	489482	49.574	ng		99
88) Benzo(b)fluoranthene	15.021	252	476891	52.212	ng		99
89) Benzo(k)fluoranthene	15.051	252	395089	45.778	ng		99
90) Benzo(a)pyrene	15.398	252	424437	55.051	ng		99
91) Dibenzo(a,h)anthracene	16.992	278	359548	44.387	ng		96
92) Benzo(g,h,i)perylene	17.433	276	387407	46.695	ng		99

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

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