Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032323\
Data File : BN024511.D
Acq On : 23 Mar 2023 13:57
Operator : CG/JU
Sample : 01903-05MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 24 02:36:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 24 02:34:14 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
RE103D2-20230310MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/24/2023
Supervised By :Jagrut Upadhyay 03/24/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.025	152	9445	0.400	ng	0.00
7) Naphthalene-d8	10.834	136	27125	0.400	ng	# 0.00
13) Acenaphthene-d10	14.654	164	13928	0.400	ng	0.00
19) Phenanthrene-d10	17.400	188	29332	0.400	ng	0.00
29) Chrysene-d12	21.592	240	20134	0.400	ng	0.00
35) Perylene-d12	24.097	264	16983	0.400	ng	# 0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.577	112	3156	0.151	ng	0.00
5) Phenol-d6	7.180	99	2226	0.083	ng	0.00
8) Nitrobenzene-d5	9.190	82	7639	0.421	ng	0.00
11) 2-Methylnaphthalene-d10	12.422	152	15184m	0.455	ng	0.00
14) 2,4,6-Tribromophenol	16.147	330	2473	0.347	ng	0.00
15) 2-Fluorobiphenyl	13.285	172	21712	0.413	ng	0.00
27) Fluoranthene-d10	19.433	212	28235	0.454	ng	0.00
31) Terphenyl-d14	20.025	244	18685	0.550	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.425	88	8734	0.850	ng	# 93
3) n-Nitrosodimethylamine	3.757	42	1841	0.122	ng	# 86
6) bis(2-Chloroethyl)ether	7.440	93	10171	0.382	ng	99
9) Naphthalene	10.887	128	26743	0.388	ng	99
10) Hexachlorobutadiene	11.176	225	5115	0.391	ng	# 99
12) 2-Methylnaphthalene	12.493	142	17018	0.365	ng	99
16) Acenaphthylene	14.376	152	23411	0.354	ng	100
17) Acenaphthene	14.718	154	15462	0.368	ng	98
18) Fluorene	15.702	166	18683	0.372	ng	100
20) 4,6-Dinitro-2-methylph...	15.774	198	629	0.293	ng	# 67
21) 4-Bromophenyl-phenylether	16.593	248	6694	0.384	ng	# 94
22) Hexachlorobenzene	16.705	284	8663	0.405	ng	98
23) Atrazine	16.854	200	5219	0.472	ng	# 94
24) Pentachlorophenol	17.053	266	4935	0.508	ng	99
25) Phenanthrene	17.450	178	34575	0.398	ng	100
26) Anthracene	17.537	178	29871	0.372	ng	99
28) Fluoranthene	19.463	202	40519	0.426	ng	99
30) Pyrene	19.825	202	41543	0.509	ng	100
32) Benzo(a)anthracene	21.574	228	32066	0.477	ng	99
33) Chrysene	21.628	228	33937	0.473	ng	99
34) Bis(2-ethylhexyl)phtha...	21.493	149	21850	0.691	ng	# 100
36) Indeno(1,2,3-cd)pyrene	26.705	276	27816	0.437	ng	96
37) Benzo(b)fluoranthene	23.328	252	30966	0.469	ng	96
38) Benzo(k)fluoranthene	23.383	252	29883m	0.439	ng	
39) Benzo(a)pyrene	23.980	252	24546	0.405	ng	92
40) Dibenzo(a,h)anthracene	26.734	278	21526	0.437	ng	98
41) Benzo(g,h,i)perylene	27.520	276	24808	0.431	ng	98

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

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