Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072324\
Data File : BF138629.D
Acq On : 23 Jul 2024 20:38
Operator : RC/JU
Sample : P3314-01MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ206MSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024

Quant Time: Jul 24 01:16:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 16:58:40 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.851	152	90294	20.000	ng		-0.02
21) Naphthalene-d8	8.140	136	354478	20.000	ng		-0.01
39) Acenaphthene-d10	9.892	164	172809	20.000	ng		-0.01
64) Phenanthrene-d10	11.375	188	234304	20.000	ng		-0.01
76) Chrysene-d12	14.016	240	147778	20.000	ng		-0.01
86) Perylene-d12	15.474	264	121596	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	453173	79.486	ng		0.00
7) Phenol-d6	6.493	99	608263	80.200	ng		-0.01
23) Nitrobenzene-d5	7.422	82	389552	53.956	ng		-0.01
42) 2,4,6-Tribromophenol	10.681	330	115117	71.277	ng		-0.01
45) 2-Fluorobiphenyl	9.210	172	639151	57.806	ng		-0.02
79) Terphenyl-d14	12.951	244	438601	48.352	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.710	88	98922	39.176	ng		97
3) Pyridine	3.457	79	257436	41.342	ng		96
4) n-Nitrosodimethylamine	3.422	42	188497	46.501	ng		94
6) Aniline	6.516	93	275350	38.761	ng	#	34
8) 2-Chlorophenol	6.645	128	294185	48.799	ng		99
9) Benzaldehyde	6.404	77	24104	5.938	ng		100
10) Phenol	6.510	94	387728	48.163	ng		88
11) bis(2-Chloroethyl)ether	6.593	93	287962	47.509	ng		98
12) 1,3-Dichlorobenzene	6.793	146	296692	43.784	ng		98
13) 1,4-Dichlorobenzene	6.875	146	304521	44.254	ng		98
14) 1,2-Dichlorobenzene	7.022	146	288769	45.057	ng		97
15) Benzyl Alcohol	6.998	79	280824	49.338	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.128	45	511687	42.929	ng		80
17) 2-Methylphenol	7.116	107	232501	47.058	ng	#	91
18) Hexachloroethane	7.363	117	114854	45.402	ng		95
19) n-Nitroso-di-n-propyla...	7.269	70	224543	47.914	ng		93
20) 3+4-Methylphenols	7.269	107	290700	46.724	ng		90
22) Acetophenone	7.269	105	374259	43.472	ng		99
24) Nitrobenzene	7.440	77	335417	45.716	ng		96
25) Isophorone	7.681	82	596663	48.123	ng		99
26) 2-Nitrophenol	7.757	139	156389	49.732	ng		97
27) 2,4-Dimethylphenol	7.792	122	197333	51.057	ng		100
28) bis(2-Chloroethoxy)met...	7.887	93	353695	47.732	ng		98
29) 2,4-Dichlorophenol	7.998	162	228905	45.608	ng		98
30) 1,2,4-Trichlorobenzene	8.075	180	251380	42.995	ng		98
31) Naphthalene	8.157	128	839958	45.561	ng		100
32) Benzoic acid	7.928	122	134768	36.560	ng		93
33) 4-Chloroaniline	8.210	127	149803	23.159	ng		98
34) Hexachlorobutadiene	8.269	225	147328	40.920	ng		99
35) Caprolactam	8.587	113	68478m	42.282	ng		
36) 4-Chloro-3-methylphenol	8.698	107	257386	45.808	ng		99
37) 2-Methylnaphthalene	8.851	142	520752	43.894	ng		100
38) 1-Methylnaphthalene	8.951	142	483195	41.732	ng		99
40) 1,2,4,5-Tetrachloroben...	9.016	216	216156	44.880	ng		99
41) Hexachlorocyclopentadiene	8.998	237	109471	70.026	ng		99
43) 2,4,6-Trichlorophenol	9.128	196	147046	47.863	ng		99

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44) 2,4,5-Trichlorophenol	9.181	196	153125	45.316	ng		95
46) 1,1'-Biphenyl	9.316	154	603790	46.104	ng		100
47) 2-Chloronaphthalene	9.339	162	471374	47.644	ng		99
48) 2-Nitroaniline	9.439	65	174497	50.897	ng		97
49) Acenaphthylene	9.757	152	719448	51.218	ng		99
50) Dimethylphthalate	9.616	163	566120	50.663	ng		99
51) 2,6-Dinitrotoluene	9.681	165	120595	46.873	ng		90
52) Acenaphthene	9.928	154	452347	48.446	ng		99
53) 3-Nitroaniline	9.845	138	92979	35.260	ng		91
54) 2,4-Dinitrophenol	9.957	184	86102	63.386	ng		95
55) Dibenzofuran	10.098	168	634449	46.847	ng		100
56) 4-Nitrophenol	10.022	139	140979	72.457	ng		98
57) 2,4-Dinitrotoluene	10.086	165	149487	44.906	ng		92
58) Fluorene	10.439	166	483369	45.107	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	112276	42.102	ng		96
60) Diethylphthalate	10.310	149	527672	48.984	ng		99
61) 4-Chlorophenyl-phenyle...	10.428	204	239377	44.486	ng		92
62) 4-Nitroaniline	10.463	138	99768	37.756	ng		99
63) Azobenzene	10.592	77	548038	47.319	ng		98
65) 4,6-Dinitro-2-methylph...	10.492	198	66607	49.233	ng		83
66) n-Nitrosodiphenylamine	10.551	169	411536	58.624	ng		98
67) 4-Bromophenyl-phenylether	10.922	248	130911	54.360	ng		98
68) Hexachlorobenzene	10.986	284	135325	50.582	ng		95
69) Atrazine	11.075	200	114143	49.043	ng		98
70) Pentachlorophenol	11.180	266	121367	76.666	ng		96
71) Phenanthrene	11.398	178	625219	52.818	ng		99
72) Anthracene	11.451	178	592080	50.388	ng		100
73) Carbazole	11.610	167	470625	44.568	ng		100
74) Di-n-butylphthalate	11.933	149	652907	53.641	ng		100
75) Fluoranthene	12.586	202	574886	47.595	ng		98
77) Benzidine	12.710	184	150569	40.384	ng		99
78) Pyrene	12.816	202	566132	37.738	ng		99
80) Butylbenzylphthalate	13.427	149	218869	48.500	ng		95
81) Benzo(a)anthracene	14.004	228	527464	53.194	ng		99
82) 3,3'-Dichlorobenzidine	13.963	252	131351	51.408	ng	#	97
83) Chrysene	14.039	228	477292	50.881	ng		99
84) Bis(2-ethylhexyl)phtha...	13.986	149	312676	64.966	ng		99
85) Di-n-octyl phthalate	14.598	149	584944	76.934	ng	#	99
87) Indeno(1,2,3-cd)pyrene	16.939	276	303469	37.155	ng		99
88) Benzo(b)fluoranthene	15.051	252	445356	65.035	ng		99
89) Benzo(k)fluoranthene	15.074	252	376989	56.446	ng		99
90) Benzo(a)pyrene	15.410	252	342453	56.927	ng		100
91) Dibenzo(a,h)anthracene	16.951	278	233361	34.928	ng		99
92) Benzo(g,h,i)perylene	17.380	276	233711	32.988	ng		98

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

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