Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062424\
Data File : BF138309.D
Acq On : 24 Jun 2024 14:42
Operator : CG\JU
Sample : P2998-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WCS-TPLMS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/26/2024

Quant Time: Jun 24 15:07:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 13 01:52:47 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.886	152	265624	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	1017863	20.000	ng		0.00
39) Acenaphthene-d10	9.922	164	529068	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	746446	20.000	ng		-0.01
76) Chrysene-d12	14.045	240	546209	20.000	ng		0.00
86) Perylene-d12	15.515	264	615674	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	1498529	94.373	ng		0.00
7) Phenol-d6	6.516	99	1878805	93.311	ng		0.00
23) Nitrobenzene-d5	7.451	82	1153821	65.992	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	494066	93.804	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	2242733	67.407	ng		0.00
79) Terphenyl-d14	12.992	244	1898880	55.061	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.734	88	250359	34.453	ng		97
3) Pyridine	3.504	79	642368	37.194	ng		97
4) n-Nitrosodimethylamine	3.446	42	342369	42.834	ng		93
6) Aniline	6.545	93	766616	38.912	ng		100
8) 2-Chlorophenol	6.669	128	793373	46.215	ng		98
9) Benzaldehyde	6.434	77	184647	17.266	ng		98
10) Phenol	6.534	94	934400m	45.729	ng		
11) bis(2-Chloroethyl)ether	6.622	93	732823	44.811	ng		100
12) 1,3-Dichlorobenzene	6.828	146	813046	41.674	ng		98
13) 1,4-Dichlorobenzene	6.904	146	822831	41.909	ng		98
14) 1,2-Dichlorobenzene	7.057	146	792009	42.971	ng		98
15) Benzyl Alcohol	7.028	79	622785	45.873	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	963682	41.753	ng		96
17) 2-Methylphenol	7.139	107	607978	44.888	ng		99
18) Hexachloroethane	7.398	117	293096	44.064	ng		98
19) n-Nitroso-di-n-propyla...	7.298	70	511024	42.817	ng		99
20) 3+4-Methylphenols	7.292	107	724273	42.485	ng		95
22) Acetophenone	7.292	105	917176	39.445	ng	#	92
24) Nitrobenzene	7.469	77	761293	42.129	ng		93
25) Isophorone	7.704	82	1422519	44.980	ng		99
26) 2-Nitrophenol	7.781	139	419368	57.713	ng		95
27) 2,4-Dimethylphenol	7.816	122	541721	49.003	ng		99
28) bis(2-Chloroethoxy)met...	7.916	93	894433	45.181	ng		100
29) 2,4-Dichlorophenol	8.022	162	652577	45.850	ng		99
30) 1,2,4-Trichlorobenzene	8.104	180	725506	43.223	ng		99
31) Naphthalene	8.186	128	2151749	42.752	ng		100
32) Benzoic acid	7.922	122	273350	28.055	ng		99
33) 4-Chloroaniline	8.233	127	532775	28.322	ng		99
34) Hexachlorobutadiene	8.304	225	418785	42.660	ng		99
35) Caprolactam	8.610	113	178714m	41.592	ng		
36) 4-Chloro-3-methylphenol	8.716	107	649687	45.846	ng		96
37) 2-Methylnaphthalene	8.880	142	1432049	43.354	ng		99
38) 1-Methylnaphthalene	8.980	142	1328079	41.029	ng		100
40) 1,2,4,5-Tetrachloroben...	9.045	216	659336	42.647	ng		99
41) Hexachlorocyclopentadiene	9.033	237	538575	106.836	ng		99
43) 2,4,6-Trichlorophenol	9.157	196	470839	48.638	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	489934	46.086	ng		98
46) 1,1'-Biphenyl	9.345	154	1632438	42.049	ng		98
47) 2-Chloronaphthalene	9.369	162	1364297	44.466	ng		98
48) 2-Nitroaniline	9.463	65	378339	51.204	ng		96
49) Acenaphthylene	9.786	152	2026733	47.108	ng		99
50) Dimethylphthalate	9.645	163	1581830	48.797	ng		100
51) 2,6-Dinitrotoluene	9.704	165	355081	50.492	ng		95
52) Acenaphthene	9.957	154	1328896	45.297	ng		100
53) 3-Nitroaniline	9.874	138	280176	37.294	ng		95
54) 2,4-Dinitrophenol	9.980	184	227015	67.676	ng	#	88
55) Dibenzofuran	10.127	168	1824329	44.483	ng		100
56) 4-Nitrophenol	10.039	139	434343	73.160	ng	#	84
57) 2,4-Dinitrotoluene	10.110	165	442563	51.023	ng		98
58) Fluorene	10.469	166	1322831	41.024	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	369578	44.483	ng		99
60) Diethylphthalate	10.345	149	1465998	47.650	ng		100
61) 4-Chlorophenyl-phenyle...	10.463	204	699886	43.581	ng		98
62) 4-Nitroaniline	10.492	138	302668	40.322	ng		93
63) Azobenzene	10.621	77	1333202	43.254	ng		96
65) 4,6-Dinitro-2-methylph...	10.516	198	185999	48.771	ng		78
66) n-Nitrosodiphenylamine	10.580	169	1212778	53.069	ng		100
67) 4-Bromophenyl-phenylether	10.951	248	440149	52.329	ng	#	93
68) Hexachlorobenzene	11.016	284	473162	48.204	ng		98
69) Atrazine	11.104	200	346475	53.229	ng		99
70) Pentachlorophenol	11.210	266	442187	77.242	ng		98
71) Phenanthrene	11.433	178	1708324	46.278	ng		99
72) Anthracene	11.486	178	1710759	46.677	ng		99
73) Carbazole	11.639	167	1400307	41.656	ng		99
74) Di-n-butylphthalate	11.968	149	1850612	53.178	ng		99
75) Fluoranthene	12.616	202	1586334	42.142	ng		98
77) Benzidine	12.739	184	513844	81.332	ng		99
78) Pyrene	12.851	202	1635201	34.708	ng		99
80) Butylbenzylphthalate	13.468	149	716028	55.873	ng		96
81) Benzo(a)anthracene	14.039	228	1625791	46.395	ng		99
82) 3,3'-Dichlorobenzidine	13.998	252	486075	50.371	ng		99
83) Chrysene	14.074	228	1590617	47.621	ng		100
84) Bis(2-ethylhexyl)phtha...	14.027	149	1056192	70.861	ng		99
85) Di-n-octyl phthalate	14.639	149	1926856	87.019	ng		98
87) Indeno(1,2,3-cd)pyrene	16.998	276	1309679	32.631	ng		100
88) Benzo(b)fluoranthene	15.092	252	1836287	50.577	ng		99
89) Benzo(k)fluoranthene	15.121	252	1723091	48.426	ng		99
90) Benzo(a)pyrene	15.456	252	1581659	50.708	ng		98
91) Dibenzo(a,h)anthracene	17.021	278	1071820	32.535	ng		97
92) Benzo(g,h,i)perylene	17.445	276	935096	27.438	ng		100

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

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