Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100324\
Data File : BF139634.D
Acq On : 03 Oct 2024 16:33
Operator : RC/JU
Sample : P4214-02MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CONCRETE-WC-1MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024

Quant Time: Oct 03 17:12:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 02 04:58:47 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	100442	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	374894	20.000	ng		0.00
39) Acenaphthene-d10	9.904	164	210127	20.000	ng		0.00
64) Phenanthrene-d10	11.392	188	386587	20.000	ng		0.00
76) Chrysene-d12	14.033	240	207998	20.000	ng		0.00
86) Perylene-d12	15.498	264	211804	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	767480	132.438	ng		0.02
7) Phenol-d6	6.510	99	942652	120.960	ng		0.00
23) Nitrobenzene-d5	7.434	82	734669	99.219	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	287742	141.854	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	1289348	94.200	ng		0.00
79) Terphenyl-d14	12.974	244	1351055	106.580	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.846	88	116967	46.685	ng	#	80
3) Pyridine	3.551	79	264923	43.477	ng		99
4) n-Nitrosodimethylamine	3.487	42	203601	51.047	ng		97
6) Aniline	6.534	93	261897	37.872	ng	#	84
8) 2-Chlorophenol	6.657	128	323929	52.173	ng		98
9) Benzaldehyde	6.422	77	24858	6.022	ng		98
10) Phenol	6.522	94	365834	44.644	ng		94
11) bis(2-Chloroethyl)ether	6.604	93	334806	50.181	ng		99
12) 1,3-Dichlorobenzene	6.810	146	338095	48.406	ng		100
13) 1,4-Dichlorobenzene	6.887	146	343431	48.548	ng		100
14) 1,2-Dichlorobenzene	7.039	146	328720	49.582	ng		99
15) Benzyl Alcohol	7.016	79	320099	53.758	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.139	45	590740	51.145	ng		85
17) 2-Methylphenol	7.128	107	256393	49.466	ng		96
18) Hexachloroethane	7.381	117	130735	49.548	ng		98
19) n-Nitroso-di-n-propyla...	7.287	70	250055	49.909	ng		99
20) 3+4-Methylphenols	7.281	107	320482	49.227	ng		99
22) Acetophenone	7.281	105	456077	51.251	ng		97
24) Nitrobenzene	7.451	77	388105	50.618	ng		99
25) Isophorone	7.692	82	678098	51.561	ng		100
26) 2-Nitrophenol	7.769	139	173546	52.650	ng		99
27) 2,4-Dimethylphenol	7.804	122	256085m	63.463	ng		
28) bis(2-Chloroethoxy)met...	7.898	93	399448	50.864	ng		100
29) 2,4-Dichlorophenol	8.010	162	270933	51.476	ng		99
30) 1,2,4-Trichlorobenzene	8.086	180	290890	48.870	ng		99
31) Naphthalene	8.169	128	965645	50.378	ng		99
32) Benzoic acid	7.939	122	218652	54.494	ng		92
33) 4-Chloroaniline	8.216	127	90716	13.982	ng		99
34) Hexachlorobutadiene	8.286	225	187848	48.767	ng		100
35) Caprolactam	8.604	113	75540m	43.758	ng		
36) 4-Chloro-3-methylphenol	8.710	107	306692	51.475	ng		99
37) 2-Methylnaphthalene	8.863	142	628841	50.372	ng		100
38) 1-Methylnaphthalene	8.963	142	584936	47.935	ng		99
40) 1,2,4,5-Tetrachloroben...	9.028	216	294337	50.444	ng		98
41) Hexachlorocyclopentadiene	9.010	237	346959	193.925	ng		100
43) 2,4,6-Trichlorophenol	9.139	196	203722	51.791	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	218730	51.564	ng	99
46) 1,1'-Biphenyl	9.328	154	787884	50.413	ng	99
47) 2-Chloronaphthalene	9.351	162	588705	50.247	ng	99
48) 2-Nitroaniline	9.451	65	225333	53.576	ng	100
49) Acenaphthylene	9.769	152	967297	54.288	ng	100
50) Dimethylphthalate	9.633	163	722103	52.497	ng	100
51) 2,6-Dinitrotoluene	9.692	165	159098	51.203	ng	96
52) Acenaphthene	9.939	154	704761m	57.616	ng	
53) 3-Nitroaniline	9.863	138	104777	32.997	ng	99
54) 2,4-Dinitrophenol	9.975	184	205753	123.113	ng	98
55) Dibenzofuran	10.110	168	882869	51.550	ng	99
56) 4-Nitrophenol	10.033	139	237146	97.935	ng	97
57) 2,4-Dinitrotoluene	10.098	165	212575	52.339	ng	97
58) Fluorene	10.457	166	692364	50.757	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.228	232	186180	54.341	ng	99
60) Diethylphthalate	10.328	149	730914	51.446	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	334946	49.081	ng	98
62) 4-Nitroaniline	10.480	138	160283	49.349	ng	98
63) Azobenzene	10.604	77	735722	51.493	ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	127473	58.384	ng	99
66) n-Nitrosodiphenylamine	10.569	169	607459	53.308	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	202617	51.118	ng	97
68) Hexachlorobenzene	10.998	284	223195	50.746	ng	98
69) Atrazine	11.092	200	191514	62.640	ng	100
70) Pentachlorophenol	11.198	266	279404	106.685	ng	99
71) Phenanthrene	11.416	178	971998	53.325	ng	100
72) Anthracene	11.469	178	990800	54.944	ng	100
73) Carbazole	11.622	167	895968	51.731	ng	100
74) Di-n-butylphthalate	11.951	149	1089875	51.748	ng	100
75) Fluoranthene	12.604	202	1003930	50.384	ng	100
77) Benzidine	12.721	184	123110	33.556	ng	99
78) Pyrene	12.833	202	1012908	54.448	ng	99
80) Butylbenzylphthalate	13.445	149	388660	58.408	ng	99
81) Benzo(a)anthracene	14.021	228	743785	54.390	ng	100
82) 3,3'-Dichlorobenzidine	13.980	252	175065	41.830	ng	98
83) Chrysene	14.057	228	677713	54.206	ng	100
84) Bis(2-ethylhexyl)phtha...	14.004	149	504073	60.665	ng	100
85) Di-n-octyl phthalate	14.615	149	754194	61.784	ng	100
87) Indeno(1,2,3-cd)pyrene	16.980	276	767603	61.574	ng	100
88) Benzo(b)fluoranthene	15.068	252	697795	50.953	ng	99
89) Benzo(k)fluoranthene	15.098	252	569554	49.028	ng	99
90) Benzo(a)pyrene	15.439	252	614699	56.925	ng	99
91) Dibenzo(a,h)anthracene	16.998	278	632107	61.134	ng	99
92) Benzo(g,h,i)perylene	17.427	276	598964	57.761	ng	98

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

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