Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022124\
Data File : BN029918.D
Acq On : 22 Feb 2024 09:01
Operator : MA/JU
Sample : PB159094BS
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Feb 22 10:15:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 21 22:34:54 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SLCS094

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/22/2024
Supervised By :mohammad ahmed 02/24/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	162247	20.000	ng/ul	0.00
20) Naphthalene-d8	10.651	136	686985	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.504	164	368372	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.251	188	764549	20.000	ng/ul	0.00
79) Chrysene-d12	21.457	240	695733	20.000	ng/ul	0.00
88) Perylene-d12	23.815	264	749109	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.317	96	27535	5.582	ng/uL	0.00
4) Pyridine-d5	3.722	84	392889	29.866	ng/ul	0.00
7) Phenol-d5	7.028	99	468690	30.884	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.205	67	306846	30.296	ng/ul	0.00
11) 2-Chlorophenol-d4	7.387	132	359166	32.660	ng/ul	0.00
15) 4-Methylphenol-d8	8.569	113	349644	30.893	ng/ul	0.00
21) Nitrobenzene-d5	9.022	128	175812	32.974	ng/ul	0.00
24) 2-Nitrophenol-d4	9.746	143	173316	37.323	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.275	165	323939	35.342	ng/ul	0.00
31) 4-Chloroaniline-d4	10.804	131	450876	28.834	ng/ul	0.00
46) Dimethylphthalate-d6	13.928	166	909208	33.152	ng/ul	0.00
49) Acenaphthylene-d8	14.192	160	1074016	32.976	ng/ul	0.00
54) 4-Nitrophenol-d4	14.716	143	179282	34.442	ng/ul	0.00
60) Fluorene-d10	15.498	176	773035	33.133	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.628	200	131175	35.212	ng/ul	0.00
73) Anthracene-d10	17.351	188	1211522	33.812	ng/ul	0.00
81) Pyrene-d10	19.651	212	1463635	35.056	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.668	264	1380104	36.818	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.346	88	57017	11.160	ng/uL#	93
5) Pyridine	3.740	79	391621	28.776	ng/ul	98
6) Benzaldehyde	7.005	77	248889	36.587	ng/ul	98
8) Phenol	7.052	94	477420	30.696	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.293	93	388416	29.699	ng/ul	99
12) 2-Chlorophenol	7.416	128	376458	32.628	ng/ul	98
13) 2-Methylphenol	8.305	108	340261	30.316	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.387	45	517693	30.308	ng/ul	98
16) Acetophenone	8.687	105	566291	31.438	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.675	70	304261	32.717	ng/ul	97
18) 4-Methylphenol	8.634	108	369085	31.120	ng/ul	99
19) Hexachloroethane	8.922	117	163170	30.475	ng/ul	97
22) Nitrobenzene	9.069	77	472252	31.260	ng/ul	98
23) Isophorone	9.593	82	817364	31.061	ng/ul	100
25) 2-Nitrophenol	9.775	139	188850	35.613	ng/ul	99
26) 2,4-Dimethylphenol	9.834	107	266675	20.984	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.081	93	507711	30.359	ng/ul	99
29) 2,4-Dichlorophenol	10.304	162	312339	32.978	ng/ul	98
30) Naphthalene	10.704	128	1201122	30.588	ng/ul	99
32) 4-Chloroaniline	10.828	127	372154	24.109	ng/ul	99
33) Hexachlorobutadiene	10.981	225	187929	32.151	ng/ul	98
34) Caprolactam	11.610	113	106705m	33.857	ng/ul	
35) 4-Chloro-3-methylphenol	11.951	107	367675	33.610	ng/ul	96
36) 2-Methylnaphthalene	12.322	142	765378	31.797	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.540	142	752960	31.552	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.687	216	354299	32.448	ng/ul	97
40) Hexachlorocyclopentadiene	12.657	237	174604	24.464	ng/ul	97
41) 2,4,6-Trichlorophenol	12.934	196	214606	34.099	ng/ul	97
42) 2,4,5-Trichlorophenol	13.004	196	249955	35.346	ng/ul	99
43) 1,1'-Biphenyl	13.340	154	957180	30.811	ng/ul	99
44) 2-Chloronaphthalene	13.375	162	759706	31.465	ng/ul	99
45) 2-Nitroaniline	13.592	65	255134	35.942	ng/ul	98
47) Dimethylphthalate	13.975	163	929352	33.104	ng/ul	99
48) 2,6-Dinitrotoluene	14.098	165	181496	36.129	ng/ul	97
50) Acenaphthylene	14.222	152	1245365	31.860	ng/ul	98
51) 3-Nitroaniline	14.422	138	199929	34.195	ng/ul	97
52) Acenaphthene	14.563	153	803142	31.104	ng/ul	96
53) 2,4-Dinitrophenol	14.628	184	81415	31.935	ng/ul	97
55) 4-Nitrophenol	14.728	109	165739	34.821	ng/ul	96
56) Dibenzofuran	14.904	168	1104919	32.405	ng/ul	100
57) 2,4-Dinitrotoluene	14.881	165	283652	40.105	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.128	232	186866	37.232	ng/ul	93
59) Diethylphthalate	15.339	149	991965	34.398	ng/ul	98
61) Fluorene	15.551	166	917349	34.037	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.551	204	424389	35.206	ng/ul	96
63) 4-Nitroaniline	15.586	138	225448m	42.723	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.639	198	144982	35.301	ng/ul	100
67) N-Nitrosodiphenylamine	15.769	169	759336	31.872	ng/ul	100
68) 4-Bromophenyl-phenylether	16.451	248	246840	34.110	ng/ul	90
69) Hexachlorobenzene	16.551	284	288109	35.322	ng/ul	96
70) Atrazine	16.733	200	166137	22.320	ng/ul	97
71) Pentachlorophenol	16.898	266	165374	34.912	ng/ul	95
72) Phenanthrene	17.298	178	1455544	32.911	ng/ul	99
74) Anthracene	17.386	178	1498553	33.763	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.292	216	351659	31.344	ng/uL	96
76) Pentachlorobenzene	14.816	250	314932	31.349	ng/uL	91
77) Carbazole	17.669	167	1394110	34.388	ng/ul	99
78) Di-n-butylphthalate	18.239	149	1791770	36.754	ng/ul	99
80) Fluoranthene	19.316	202	1724858	34.009	ng/ul	100
82) Pyrene	19.680	202	1816317	33.852	ng/ul	97
83) Butylbenzylphthalate	20.604	149	832867	38.088	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.380	252	453822	33.677	ng/ul	98
85) Benzo(a)anthracene	21.439	228	1747469	34.191	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.392	149	1296791	38.339	ng/ul	100
87) Chrysene	21.492	228	1644816	34.341	ng/ul	100
89) Di-n-octyl phthalate	22.316	149	2188564	37.690	ng/ul	100
90) Benzo(b)fluoranthene	23.104	252	1735066	36.772	ng/ul	97
91) Benzo(k)fluoranthene	23.151	252	1673382	34.649	ng/ul	98
93) Benzo(a)pyrene	23.715	252	1589595	35.130	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.256	276	1829107m	33.195	ng/ul	
95) Dibenzo(a,h)anthracene	26.292	278	1457803	32.407	ng/ul	97
96) Benzo(g,h,i)perylene	27.015	276	1519337	32.968	ng/ul	94

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

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